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The text "SPONSORED BY" is in a small, black, sans-serif font. To its right, the word "AOL" is written in a large, bold, blue, sans-serif font. To the right of "AOL" is the AOL logo, which consists of a blue circle with a white dot inside, and a blue triangle pointing to the right.

# chmod 777 aol



Now that we've opened up our code and freed our content, we're doing the same with our developers. We want you, the best and the brightest, to knock our socks off with your brilliance. Learn more about how you could help lead AOL into the next phase of, well, we'll let you tell us what it's called, by visiting [dev.aol.com](http://dev.aol.com).

## Founder's Message

Welcome to the 2006 TopCoder® Collegiate Challenge, Sponsored by AOL®. It has been five years since the beginning of TopCoder and it has been a fascinating journey.

Twelve is the number of consecutive tournaments held, including the Collegiate Challenge and the TopCoder Open. We have brought our events from San Francisco, to Boston, to Connecticut, to Santa Clara, to Las Vegas and now here in San Diego. Each has grown larger in size and production.

95,527 is the number of members that have evolved TopCoder. They fill up our Single Round Matches, they build our components, voice their opinions in our forums and increasingly build and manage the infrastructure that, in a full-circle sort of way, supports the community.

240 is the number of collegiate registrants for the first-ever 2001 TopCoder Collegiate Challenge. 3,317 is the number of collegiate registrants for the 2006 TopCoder Collegiate Challenge.

Fifteen is the number of university students that have made it to the onsite finals in this year's Component Design and Development Competition. After numerous weeks of online competition, they will all come together for a week of risk, wagering and appeals.

\$8,347,545 is the sum of money paid out in prizes since our first contest. \$2,734,919 in algorithms, \$2,787,625 in components and \$2,825,001 in member contract payments.

48 is the number of exceptional Algorithm finalists that we have brought together from all over the world.

3592 is the highest algorithm ranking a TopCoder member has ever reached.

Six is the number of review board members that have given us their time to be onsite and review the submissions and appeals for the Component Design and Development Competition. Year after year, they are consistently hardworking and reliable and I thank them for their help.

Four is the number of fantastic sponsors that have supported us in this tournament. AOL as our title sponsor, has outdone themselves with their amount of participation and enthusiasm. We are honored to work with them. The National Security Agency (NSA), Bloomberg, and UBS, as our premier sponsors, are a pleasure to work with and I thank them for their support.

Four is the number of TopCoder Staff we started off with in 2001. 92 is the number of TopCoder staff employed now that help all of the above to be possible and I am grateful.

I'm looking forward to the 2006 TopCoder Collegiate Challenge finals. Thanks to everyone for attending and good luck to the competitors!

Jack Hughes  
Founder, TopCoder, Inc.



# Schedule of Events

## Tuesday, November 14, 2006

7:00pm - 9:00pm Welcome Reception

## Wednesday, November 15, 2006

9:00am - 11:00am Algorithm Semifinal Room 1  
11:00am - 12:00pm UBS Presentation  
12:00pm - 1:00pm Lunch  
1:00pm - 3:00pm Component Design & Development 1  
3:00pm - 4:00pm Developer Forum: *Applying the TopCoder Philosophy to New Frontiers*  
4:00pm - 6:00pm Algorithm Semifinal Room 2  
4:00pm - 10:00pm Competitor Game Room  
7:00pm - 10:00pm Poker Tournament

## Thursday, November 16, 2006

9:00am - 11:00am Algorithm Semifinal Room 3  
11:00am - 12:00pm Bloomberg Presentation  
12:00pm - 1:00pm Lunch  
1:00pm - 2:00pm NSA Presentation  
1:00pm - 3:00pm Component Design & Development 2  
3:00pm - 4:00pm Developer Forum: *Estimating Project Size*  
4:00pm - 6:00pm Algorithm Wildcard Round  
6:30pm - 10:00pm AOL Evening Event

## Friday, November 17, 2006

9:00am - 11:00am Component Design & Development Appeals Final  
11:00am - 12:00pm AOL Presentation  
12:00pm - 1:00pm Lunch  
1:00pm - 2:00pm Developer Forum: *Overview of Recent TopCoder Projects*  
1:30pm - 3:30pm Algorithm Championship Round  
3:30pm - 4:00pm All Champion Announcements  
4:00pm - 5:00pm Media Hour / Press Conference  
7:00pm - 10:00pm Awards Reception

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# What are We Watching? Component Competition

## Component Design

TopCoder Design Competitions require participants to design a software component. Starting from a requirements specification, they produce a full set of design documentation: UML class, sequence, and use case diagrams, and a component specification document which contains algorithm descriptions, exception handling, and documentation.

Each competitor's submission goes through a review process that includes an initial screening and, if the submission passes screening, a full review by a three person Review Board. The competitors have a chance to appeal their review scores and once all appeals are answered the winner of the competition is announced. After the winner fixes any remaining problems with their submission, the competition ends and the design is prepared to become the basis for a future development competition.

All design and review work of the TopCoder Collegiate Challenge Design Finals took place online. At the onsite event, the competitors will first see their review scorecards and the appeals phase will take place.

## Component Development

TopCoder Development Competitions require participants to implement a previously designed software component. Their starting point is the winning design submission that includes UML class, sequence, and use case diagrams, and a component specification document which contains algorithm descriptions, exception handling, and documentation. They are required to provide a full implementation of the design, as well as a full suite of unit tests for their implementation and documentation.

Each competitor's submission goes through a review process that includes an initial screening and, if the submission passes screening, a full review by a three person Review Board. The competitors have a chance to appeal their review scores and once all appeals are answered the winner of the competition is announced. After the winner fixes any remaining problems with their submission, the competition ends and the implementation becomes a part of the TopCoder software catalog.

All implementation and review work of the TopCoder Collegiate Challenge Development Finals took place online. At the onsite event, the competitors will first see their review scorecards and the appeals phase will take place.

# Component Competition Bracket

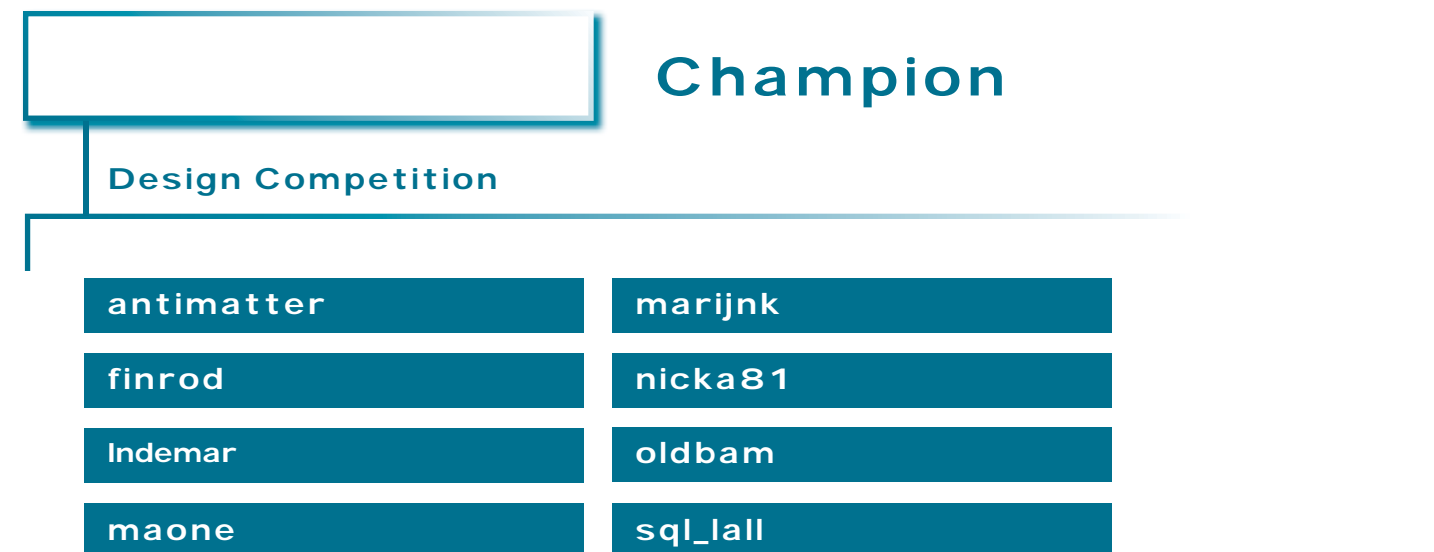
During the onsite design and development finals, the competitors will be asked to perform appeals on three components they worked on during the three online final rounds. Before each of the three appeal rounds, they will wager points on the component for the round. The number of points they will receive for that round will equal the points wagered, divided by their placement in the component. The Design and Development competitors with the most points after all three projects have finished appeals will be the winners of the 2006 TopCoder Collegiate Challenge Component Competitions.

Design Relation		APPEALS			Time: 00:00
		Reviewer 1	Reviewer 2	Reviewer 3	Avg. Score
1st	Coder 8	99.51	55.51	85.69	80.24
2nd	Coder 1	71.92	49.77	93.53	71.74
3rd	Coder 4	82.42	82.25	38.46	67.71
4th	Coder 1	40.78	67.52	79.26	62.52
5th	Coder 5	91.93	38.20	55.15	61.76
6th	Coder 1	44.82	64.05	68.58	59.15
7th	Coder 7	48.64	32.25	82.13	54.34
8th	Coder 6	37.40	56.12	53.88	49.13

The Scoreboard during the Appeals Phase: Each column represents the score from that reviewer, with the last column being the average. If the score is yellow, there is a pending appeal. If it is green, the last appeal was successful. If it is red, the last appeal was unsuccessful. Below each score is a line with "P: x S: x F: x", indicating the number of pending, successful, and failed appeals.

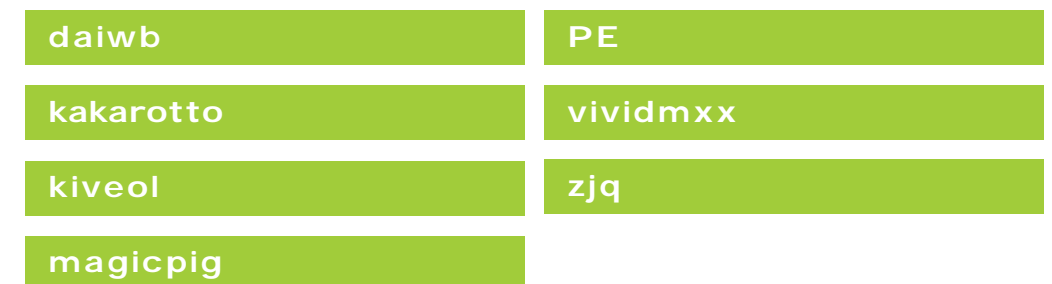
Design		RESULTS						Time: 00:00
		Evaluation		XSG2004		DataView		Total Pts
		Avg. Score	Wager	Avg. Score	Wager	Avg. Score	Wager	
1st	Coder 1	71.74	63	80.23	11	71.54	26	55
2nd	Coder 1	54.34	62	70.08	13	80.07	25	39
3rd	Coder 8	80.24	12	63.06	63	57.01	25	31
4th	Coder 4	67.71	59	61.66	20	69.27	21	30
5th	Coder 5	61.76	28	63.86	37	68.95	35	25
6th	Coder 1	62.60	57	49.47	27	55.02	16	20
7th	Coder 3	59.15	64	42.48	21	63.78	15	16
8th	Coder 6	49.13	26	33.19	15	52.00	59	11

The Scoreboard showing Final Component Results: Each pair of columns is the final score for the component and the coder's wager on that component. Underneath the score for each component is the place that they got within that component. The last column is the total wagered points earned.



## Champion

### Development Competition



## antimatter Design Rating 1433

Current Ranking 24 / Rating Percentile 76.00 / Number of Ratings 28 / Highest Rating 1469 / Country: United States

### Hubert Hwang

College M.I.T.

Hometown Staten Island, NY

Favorite Food Beef Lo mein

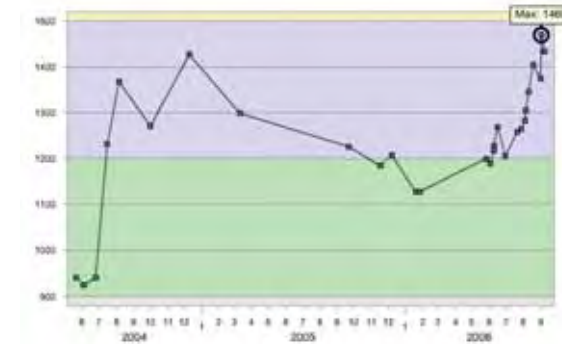
Favorite Movie Favorite bad movie: "Puma Man",

favorite not-bad movie: "The Matrix"

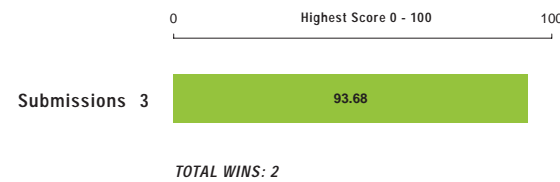
Favorite TopCoder Memory It would have to be my first time onsite at the TCCC 2004. Watching the finalists compete live is so much better than sitting in the arena waiting for someone to submit so that all of the spectators can go "ooooh" and speculate on the winner. :)



#### Rating History



#### Tournament Stats



## component design finalists

## finrod Design Rating 1062

Current Ranking 49 / Rating Percentile 51.00 / Number of Ratings 2 / Highest Rating 1082 / Country: Poland

### Filip Siczkowski

College University of Wroclaw

Hometown Wroclaw, Poland

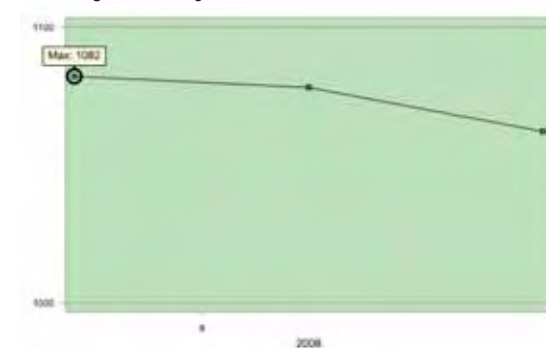
Favorite Food Mediterranean cuisine in general, specifically paella.

Favorite Movie Star Wars

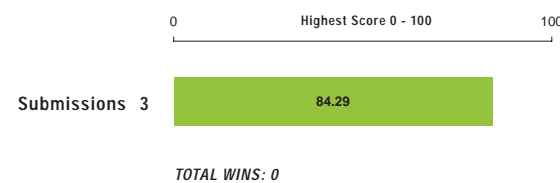
Favorite TopCoder Memory This year's TCCC because I have never advanced to the finals and because it was totally unexpected. After 3 weeks and 2 successful submissions I was in the best 8, I couldn't believe it. Then in the 5th week, I made a pretty bad error. I was crushed, but when the results came in, I found out I was second only to AleaActaEst who didn't take part in the tournament and earned 10 points. I finished at 7th place, 2 points ahead of oldbam and Luca, and advanced to the onsite.



#### Rating History



#### Tournament Stats



## Indemar Design Rating 747

Current Ranking 71 / Rating Percentile 29.00 / Number of Ratings 5 / Highest Rating 1001 / Country: Romania

### Radu Ioanitescu

College Politehnica University of Bucharest

Hometown Bucharest

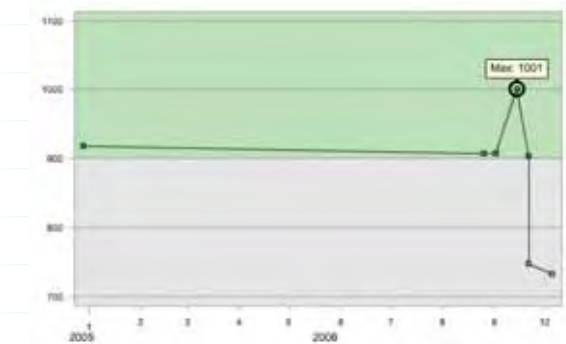
Favorite Food French fries

Favorite Movie A Beautiful Mind

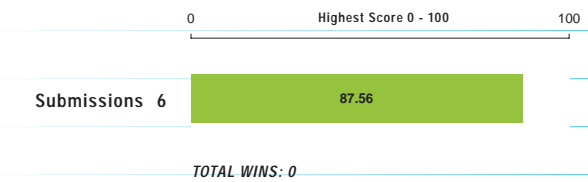
Favorite TopCoder Memory My father once crashed the laptop on a Thursday morning and it just wouldn't start. I disassembled the laptop and remember trying to make the hard drive work so that I could get my design and submit it. I didn't after all but amazingly the laptop recovered and it still had daily "duties" after this incident.



#### Rating History



#### Tournament Stats



## component design finalists

## maone Design Rating 1471

Current Ranking 20 / Rating Percentile 80.00 / Number of Ratings 5 / Highest Rating 1471 / Country: China

### Yiqiang Mao

College ZheJiang University

Hometown Jiangshan, Zhejiang Province, China

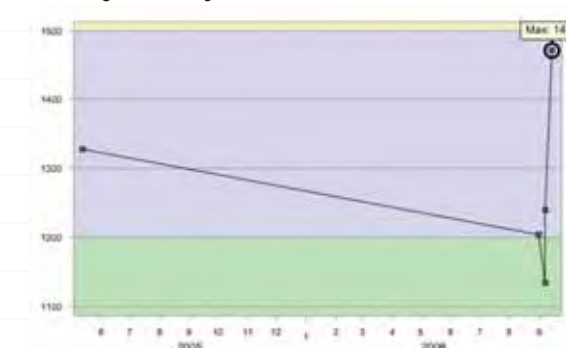
Favorite Movie A Better Tomorrow

Favorite band/artist Chow Yun-Fat

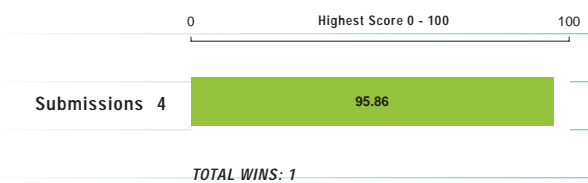
Favorite TopCoder Memory In the TCCC06 Component Design Competition, I got 40 points when winning only one of them.



#### Rating History



#### Tournament Stats



## marijnk Design Rating 1390

Current Ranking 28 / Rating Percentile 72.00 / Number of Ratings 5 / Highest Rating 1390 / Country: The Netherlands

### Marijn Kruiesselbrink

College Eindhoven University of Technology

Hometown Zwolle, The Netherlands

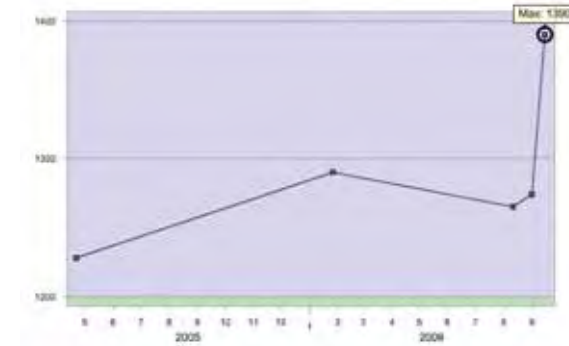
Favorite Food Poffertjes

Favorite TopCoder Memory After

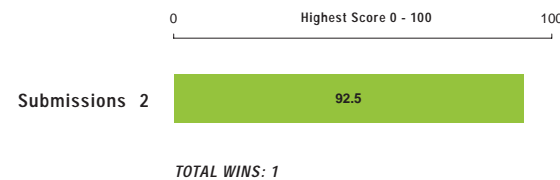
having forgotten to register in the last week of qualification for this TCCC, I was very disappointed when it turned out I placed 9th when the qualification round was over. I was of course still hoping someone wouldn't be able to make it onsite. However just when I had given up all hope, since the championship round had started, I received an e-mail to compete in the onsite finals!



#### Rating History



#### Tournament Stats



component design finalists

## nicka81 Design Rating 2070

Current Ranking 7 / Rating Percentile 93.00 / Number of Ratings 42 / Highest Rating 2263 / Country: Russian Federation

### Nikolay Archak

College New York University

Hometown Saint-Petersburg, Russia

Favorite Food Korean samgyeopsal

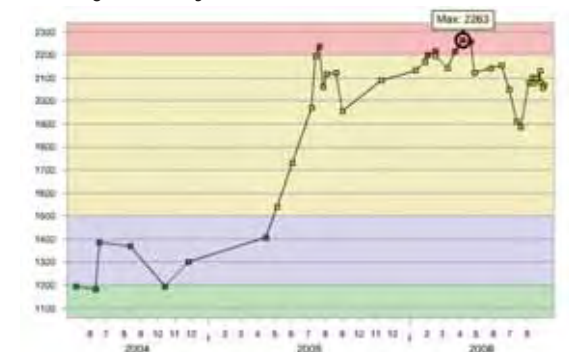
Favorite Band/Artist Scorpions

Favorite TopCoder Memory It is

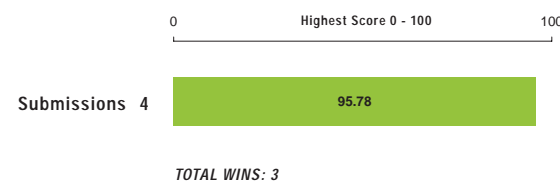
exciting to see how the TopCoder community grows. About a month ago I had a meeting with a faculty member and I was nicely surprised when this person suddenly said, "Hey, are you the guy who is on the top ten designers list in TopCoder?" And this person was not even a software engineer or computer scientist!



#### Rating History



#### Tournament Stats



## oldbam Design Rating 1062

Current Ranking 51 / Rating Percentile 49.00 / Number of Ratings 8 / Highest Rating 1059 / Country: Ukraine

### Rostyslav Slipetsky

College Kyiv, Mohyla Academy

Hometown Uzhgorod, Ukraine

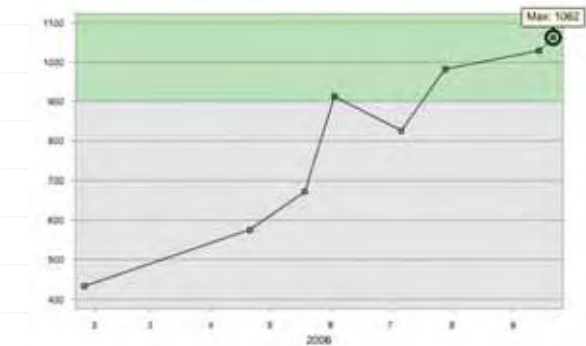
Favorite Food Varenyky (Ukrainian National Food)

Favorite Movie Wild Orchid

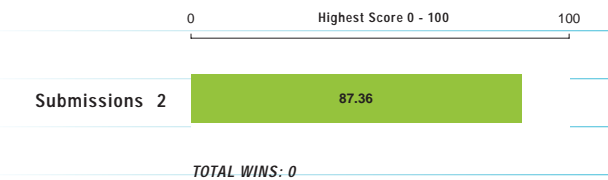
Favorite TopCoder Memory By the time I decided to take part in the SRM, I was a TC member for half a year. One night (it was actually deep night in my country), I decided to try my best. I registered for the SRM and waited patiently for this exciting moment to begin. From my university only one boy was a TopCoder member, but I had no idea if he already passed his first SRM or not. When the SRM began, that boy (rage\_true) was in the same room with me! It was unforgettable!



#### Rating History



#### Tournament Stats



component design finalists

## sql\_iall Design Rating 1255

Current Ranking 39 / Rating Percentile 61.00 / Number of Ratings 20 / Highest Rating 1337 / Country: Australia

### Patrick Coleman

College University of Adelaide

Hometown Adelaide, South Australia

Favorite Food Chicken Schnitzel

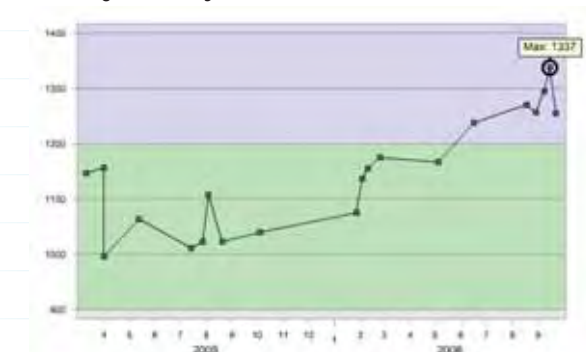
Favorite Movie Pirates of the Caribbean

Favorite TopCoder Memory Competing

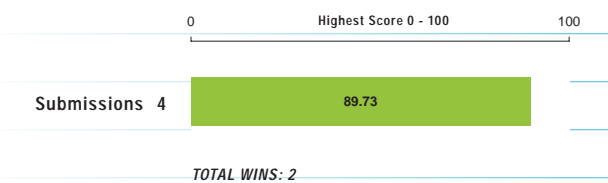
in SRM319, GCJ'06 round 2, and working on a TCCC design all on the same day, two days after the regional ACM final. Busy at the time, but they all turned out well.



#### Rating History



#### Tournament Stats



## daiwb Development Rating 1417

Current Ranking 35 / Rating Percentile 83.95 / Number of Ratings 13 / Highest Rating 1417 / Country: China

### Wenbin Dai

College ZheJiang University

Hometown Quzhou, ZheJiang Province, China

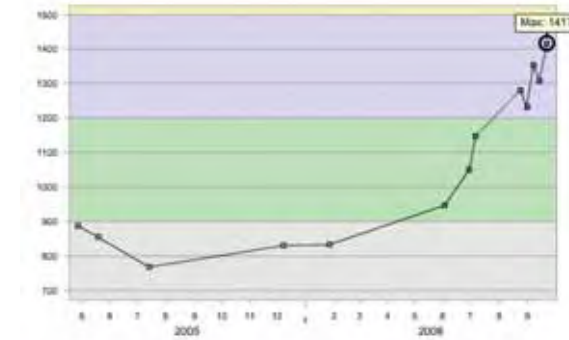
Favorite Food Food by my mother

Favorite Band/Artist Beyond

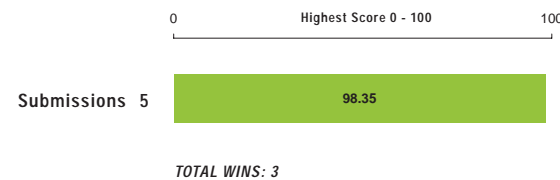
Favorite TopCoder Memory In SRM277, I solved two problems, ranked first in the room after coding phase. Unfortunately I failed three challenges and dropped to third. I did not know that cash was offered for winning that SRM. After system test, the two reds before me each failed one problem and I returned to first. Suddenly, I was informed that I won \$80 in that contest! It was the first time I won a room and cash from TC :-).



#### Rating History



#### Tournament Stats



component development finalists

## kakarotto Development Rating 974

Current Ranking 122 / Rating Percentile 44.80 / Number of Ratings 9 / Highest Rating 1019 / Country: China

### Keren Dong

College Institute of Software,

Chinese Academy of Sciences

Hometown Hebei, China

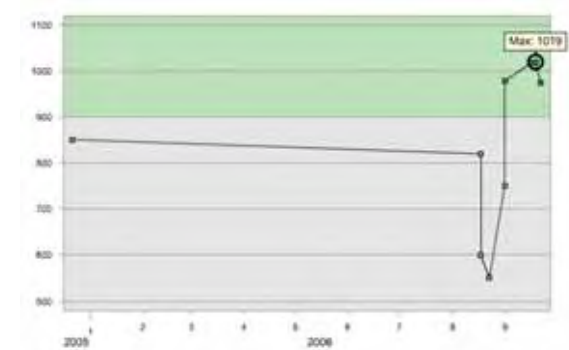
Favorite Movie Forrest Gump

Favorite Band/Artist Wakin Chou

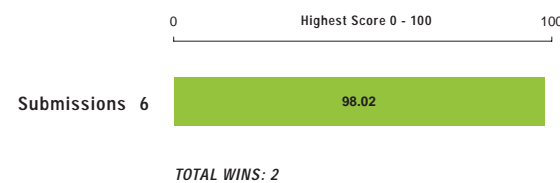
Favorite TopCoder Memory I won the component Calendar Tag, this is the most difficult one that I have ever seen, and my competitor was urtk who had just won the coder of the month.



#### Rating History



#### Tournament Stats



## kiveol Development Rating 1149

Current Ranking 96 / Rating Percentile 56.56 / Number of Ratings 12 / Highest Rating 1149 / Country: United States

### Nathan Kuchta

College University of Washington

Hometown North Platte, Nebraska

Favorite Food Pizza

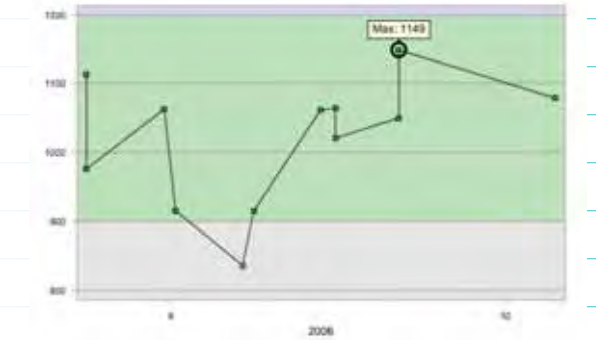
Favorite Movie Shaun of the Dead

Favorite TopCoder Memory Winning

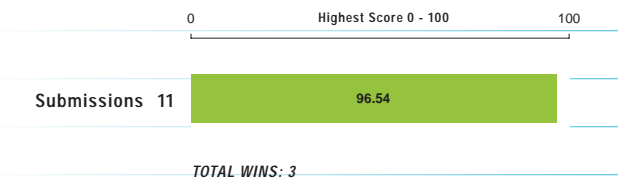
my first component competition is my most exciting TopCoder memory.



#### Rating History



#### Tournament Stats



component development finalists

## magicpig Development Rating 2089

Current Ranking 2 / Rating Percentile 99.10 / Number of Ratings 15 / Highest Rating 2089 / Country: China

### Ronghui Zhu

College Zhongshan University

Hometown Huizhou City,

Guangdong Province, China

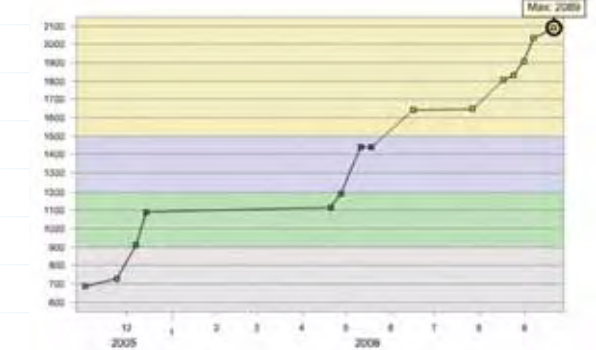
Favorite Food Ice cream

Favorite Band/Artist Long Cheng

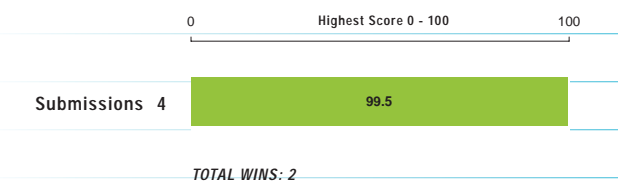
Favorite TopCoder Memory My first win of component (Alert Factory): I gained 99.90 points with only one appeal. It gives me confidence to make everything perfect.



#### Rating History



#### Tournament Stats



## PE Development Rating 2015

Current Ranking 3 / Rating Percentile 98.64 / Number of Ratings 23 / Highest Rating 2015 / Country: China

### Ninghai Huang

College ZheJiang University

Hometown Haimen, Jiangsu, China

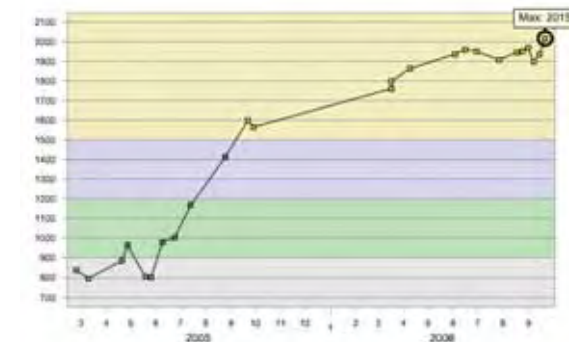
Favorite Food Ice cream

Favorite Movie 007

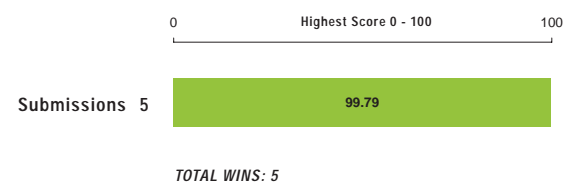
Favorite TopCoder Memory That will be the time when I won the component for the first time on 07.13.05. On that night after 9pm, I just pressed F5 continuously and finally got the results I was waiting on for months. I can not express how happy and excited I was at that time, but that will be absolutely the most exciting thing of my TopCoder memory.



#### Rating History



#### Tournament Stats



## component development finalists

## vividmxx Development Rating 2170

Current Ranking 1 / Rating Percentile 99.55 / Number of Ratings 22 / Highest Rating 2170 / Country: China

### Tianpeng Jin

College ZheJiang University

Hometown Hangzhou

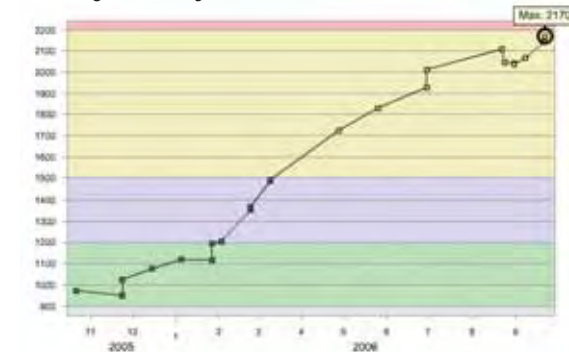
Favorite Food Dong-po Meat

Favorite Band/Artist Aqua

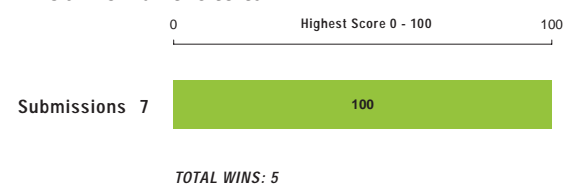
Favorite TopCoder Memory In the development of Entity-Attribute-Value Manager, the first component I won, I met kyky, a very nice designer who gave me a lot of help, and Standlove, a very responsible reviewer who deducted a lot of points. :-)



#### Rating History



#### Tournament Stats



## zjq Development Rating 1634

Current Ranking 10 / Rating Percentile 95.48 / Number of Ratings 31 / Highest Rating 1770 / Country: China

### Jian Qiang Zheng

College ZheJiang University

Hometown Shijiazhuang

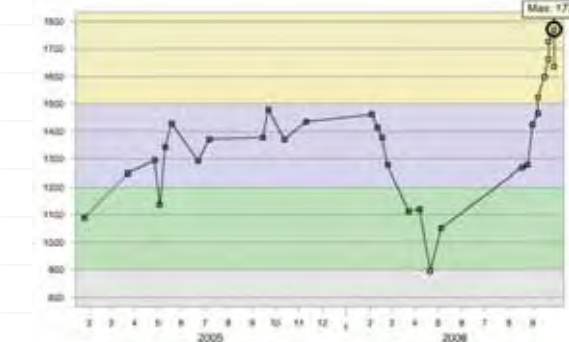
Favorite Movie King of Comedy

Favorite Band/Artist Stephen Chow

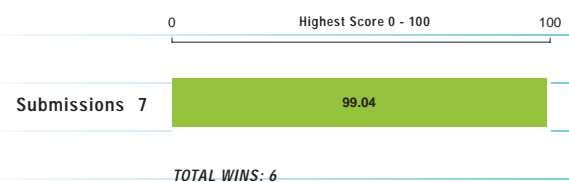
Favorite TopCoder Memory I got a photo with SnapDragon at the TCO '06.



#### Rating History



#### Tournament Stats



## component development finalists

## Spotlight: TCCC Student Representative



In order to increase participation in this year's TopCoder Collegiate Challenge, TopCoder members from around the world volunteered their time in our Student Representative program. Each member delivered hundreds of flyers to their local campus in hopes of being crowned the best. The Student Rep who brought in the most members to compete in the TCCC won an all expense paid trip to the onsite event here in San Diego. Congratulations to our Student Rep winner, Zhengqiang Lu from China who had 23 referrals of which 15 qualified for the TCCC.





## Review Board

### Design Reviewers

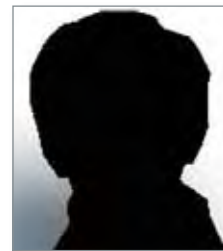
Highly rated and experienced TopCoder members fill the ranks of the Architecture Design Review Board. These members screen and review all design submissions to ensure the components meet the functional requirements, are documented properly and contain the appropriate sequence, use and case diagrams. Additionally, the Architecture Design Review Board recommends design enhancements and verifies that the design is flexible enough to be reused and customizable in the future.



**adic**  
Adrian Nicolae Carcu  
Country Romania  
Algorithm Rating 1864  
Design Rating 2471  
Development Rating 1820  
TC Earnings \$83,607.39



**WishingBone**  
Jiazhi Wu  
Country China  
Algorithm Rating 2533  
Design Rating 2275  
Development Rating 1709  
TC Earnings \$27,800.76



**Luca**  
Codrut-Lucian Lazar  
Country Romania  
Algorithm Rating 0  
Design Rating 1708  
Development Rating 0  
TC Earnings \$22,026.18



**TheCois**  
Francois Bonin  
Country Ghana  
Algorithm Rating 1358  
Design Rating 1228  
Development Rating 820  
TC Earnings \$1,164.31



**visualage**  
Qi Liu  
Country China  
Algorithm Rating 2096  
Design Rating 1013  
Development Rating 2054  
TC Earnings \$38,251.02



**assistant**  
Yanbo Wu  
Country China  
Algorithm Rating 1069  
Design Rating 0  
Development Rating 1220  
TC Earnings \$5,002.43

### Development Reviewers

TopCoder Software utilizes past component development winners and accomplished TopCoder competitors to staff the Development Review Board. These reviewers verify that each development submission meets the required functionality, coding style, adheres to the component design and contains a suitable test suite. Furthermore, to certify that the component belongs in the TopCoder catalog, the Development Review Board adds a suite of test cases including stress, accuracy and failure cases to the component.

## Developer Forums

All finalists and spectators are welcome to participate in the interactive discussions. Learn about TopCoder's real world experience in the following areas:

### Wednesday, November 15 3:00PM - 4:00PM

#### Applying the TopCoder Philosophy to New Frontiers

Two TopCoder clients have utilized the core TopCoder philosophies—competition-based business models and objective rating systems—as a means of assessing performance and reducing risk. In the first part of the forum, Aizling will discuss how the company based its revolutionary approach to nursing and the healthcare industry on a competition model, feedback system, and shift matching logic. Next up will be Equitrader, which will review its simulated trading competitions, its rating system, and new technology that enables members to create autonomous trading bots. How does the TopCoder approach apply to staffing a medical facility or trading stocks? Join in the discussion and find out!

### Thursday, November 16 3:00PM - 4:00PM

#### Estimating Project Size

How long will this take? How much money will it cost? These two simple questions can be infuriatingly difficult to answer, especially when it comes to an enterprise software project. But there's hope, thanks to the "Use Case Points" methodology. Use Case Points can help evaluate a project's scope - based on the Use Cases and Actors outlined in the Use Case model - as well as a project's complexity. This forum will discuss the features of the Use Case Points approach and highlight how it has been applied to TopCoder projects.

### Friday, November 17 1:00PM - 2:00PM

#### Overview of Recent TopCoder Projects

New clients and projects have expanded TopCoder's presence in a variety of market spaces, from energy and insurance to finance, healthcare, media, and retail. TopCoder has built a variety of applications - including data warehousing, internal, integration, and mobile device systems - using new and emerging technologies like J2ME, RFID, and AJAX. For each project, TopCoder has applied its software development methodology to build reliable, scalable solutions - and, by leveraging TopCoder's component library, these projects have been completed for less money and with fewer bugs. In this forum, learn more about the diverse array of projects TopCoder is tackling and what we've learned by applying our methods to a wide range of industries.



# Put Your Intelligence to Work at NSA

## Immediate Openings are Available for Software/Hardware Design Developers.

NSA has exciting career opportunities available for entry level and experienced Software/Hardware Design Developers. As a Developer, you will be part of a team tasked with delivering a revolutionary data collection and analysis system. The work carries a high level of importance, and offers direct participation in unique problem solving, testing approaches, and extensive research.

## Other Exciting Career Opportunities at NSA

- > Computer/Electrical Engineering

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- > Computer Science

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- > Mathematics

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- > Cryptanalysis

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- > Signals Analysis

For additional details and to apply online, visit [www.NSA.gov/Careers](http://www.NSA.gov/Careers).

U.S. citizenship is required. NSA is an equal opportunity employer. All applicants for employment are considered without regard to race, color, religion, sex, national origin, age, marital status, disability, sexual orientation, or status as a parent.



## What are We Watching? Algorithm Competition

TopCoder Algorithm Competitions are fast-paced contests designed to find and reward the fastest and most accurate coder. Each round is broken into three main parts: the Coding Phase, the Challenge Phase, and the System Testing Phase.

The Coding Phase tasks competitors with solving 3 problems of increasing difficulty in 85 minutes. Their knowledge of algorithms, programming language proficiency, and problem solving skills are tested in a high pressure environment where each second spent coding results in a lower score. Problems this year have included arranging a group of students by height, determining optimal placement of pipe pieces in a truck, connecting igloos after a snow storm, and determining possible moves for a game of dominoes. After finishing the Coding Phase, the coders have an opportunity to compete head-to-head in the Challenge Phase.

During the Challenge Phase coders can submit inputs that attempt to "break" another coder's submission. Coders analyze the code for each submission looking for potential bugs. Once they believe they've found a mistake they must craft a set of inputs that will cause the submission to fail. If the challenged program returns a wrong result, the challenger gets 50 points and the defendant's score for that submission becomes zero. If the returned result is correct, the challenger loses 25 points.

Once the Challenge Phase is over coders wait in suspense while a series of System Tests run on each program. The System Tests determine if a solution is correct or not. If a solution fails on one of the system test cases, it is re-scored to zero. Once the System Tests are finished the results are displayed on the Arena scoreboard and the winners are declared.

The 48 semi-finalists represent the best of the best in a record setting field of participants. 1500 coders qualified for the 2006 TopCoder Collegiate Challenge. This year marks the first event with rounds run by section, allowing more coders to compete in the tournament. Each semi-finalist had to fight through two sectional rounds and one overall round to advance. The semi-finalists have been split into three rounds of 16. The top two scorers from each semifinal will advance to the finals, and places 3-6 will advance to a Wildcard round. The last two finals spots (for a total of 8) will be filled with the top two finishes in the Wildcard. Once the finalists have been chosen it will all come down to the finals: 100 minutes of competition that determine who will be the champion of the 2006 TCCC Algorithm Competition.



Room 1		CODING			00:29
	PROBLEM	LEVEL 1	LEVEL 2	LEVEL 3	TOTAL
1st	immortal		423.91	575.00	998.91
2nd	gt494	238.63	315.78		554.41
3rd	jack	211.95	315.78	1097.35	527.73
4th	TheFoxman	211.95	247.56		211.95
5th	Mike	147.72		827.33	147.72
	miss			473.57	0.00
	thorgan	108.46	354.34		0.00
	dok		204.83		0.00

The Scoreboard during Coding Phase: Each score represents the potential points a competitor could earn on that problem. If the text is yellow, the coder is currently working on that problem. If the background is green, it has been submitted and the score is locked. The last column is the total score from all submitted problems.

Room 1		CHALLENGE					00:35
	CHALLENGER	DEFENSE	CHALLENGE	DEFENSE	CHALLENGE	DEFENSE	TOTAL
1st	immortal	0.00	226.35	423.91	575.00	1225.26	
2nd	Mike	30.00	147.72	0.00	639.21	826.93	
3rd	gt494	0.00	238.63	315.78	0.00	554.41	
4th	jack	0.00	211.95	315.78	0.00	527.73	
5th	miss	0.00	0.00	0.00	446.32	446.32	
6th	TheFoxman	0.00	211.95	0.00	0.00	211.95	
7th	thorgan	0.00	0.00	0.00	0.00	0.00	
8th	dok	0.00	0.00	0.00	0.00	0.00	

The Scoreboard during Challenge Phase: The first column is the last action that a coder made (challenged, viewing, etc.). If the text is green the challenge was successful, if red, it was unsuccessful. The "Challenges" column is the total points the coder has earned from the challenge phase. Each of the defense columns shows the coder's score for each submitted problem. If the score is yellow, someone is looking at it. If it is green, it was defended successfully. If it is red, it was challenged. The name of the challenger will appear under the score. The last column is total score.

Room 1		SYSTEM TESTING			00:00
	PROBLEM	LEVEL 1	LEVEL 2	LEVEL 3	TOTAL
1st	immortal	✓ 35	✓ 91	✓ 00	998.91
2nd	miss			✓ 32	421.32
3rd	gt494	✓ 63	✗ 78		238.63
4th	jack	✓ 35	✗ 78		211.95
5th	Mike	✓ 72		✗ 91	197.72
6th	dok		✓		187.22
		✗ 00			-25.00
					-25.00

The Scoreboard during System Testing: Scores with a green background and a checkmark passed systems. Those with a red background and an X failed systems. Final column is total score.

# Algorithm Competition Bracket

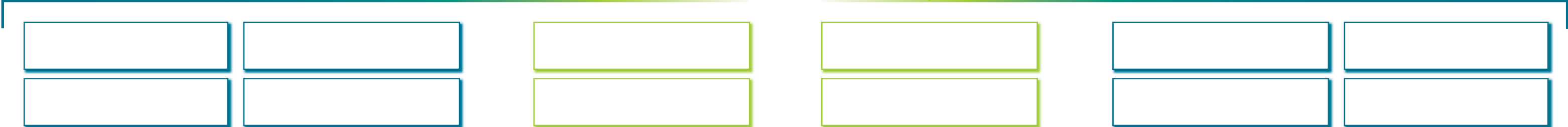
## Final Round



Champion



## Wildcard Round



## Semifinal Rounds

### Room 1

tomek	Im2Good
ACRush	nika
reid	bjacoke001
Ying	Tomy
mathijs	Vedensky
AdrianKuegel	Bankevich
Mike Mirzayanov	falagar
ardiankp	gozman

### Room 2

misof
andrewzta
krijgertje
Egor
Revenger
halyavin
Abednego
ihi

### Room 3

Psyho
domino
Maris
Vitaliy
FatSimon
Macsy
bjoeris
Multifarious

### Room 3

Petr	KOTEHOK
bmerry	Vintik
Eryx	PMH
OpenGL	darnley
lucab	maone
kia	Vovka
nicka81	tywok
gevak	olo



## Abednego SEED 44 Current Rating 2517

Current Ranking 61 / Rating Percentile 99.6318 / Number of Ratings 187 / Highest Rating 2545 / Country: Canada

### Igor Naverniouk

College University of Toronto

Hometown Moscow, Russia

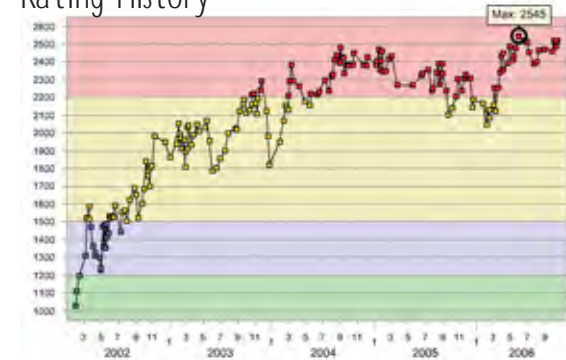
Favorite Food Tuna sashimi

Favorite Movie Pulp Fiction

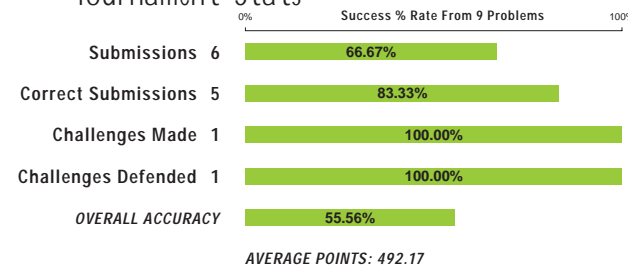
Favorite TopCoder Memory Making it to Google Code Jam onsite last year was pretty exciting. Getting a summer job there after that was even better.



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## ACRush SEED 6 Current Rating 3193

Current Ranking 4 / Rating Percentile 99.9759 / Number of Ratings 34 / Highest Rating 3193 / Country: China

### TianCheng Lou

College TsingHua University

Hometown Hangzhou, Zhejiang of China

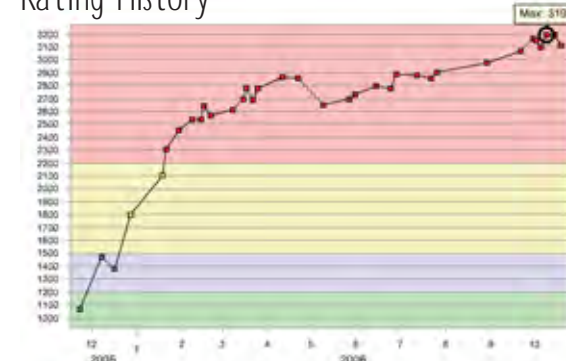
Favorite Movie Lord of The Rings

Favorite Band/Artist Beatles

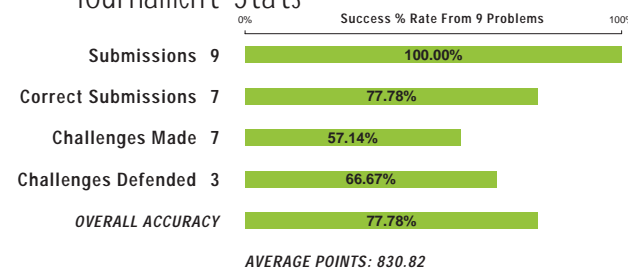
Favorite TopCoder Memory If I was in the lead after the challenge phase and had a 600+performance on the hard problem, then I always failed the system tests on the hard.



#### Rating History



#### Tournament Stats



## AdrianKuegel SEED 37 Current Rating 2514

Current Ranking 62 / Rating Percentile 99.6258 / Number of Ratings 131 / Highest Rating 2747 / Country: Germany

### Adrian Kuegel

College University of Ulm

Hometown Nuremberg

Favorite Movie Some Like It Hot

Favorite Band/Artist Shania Twain

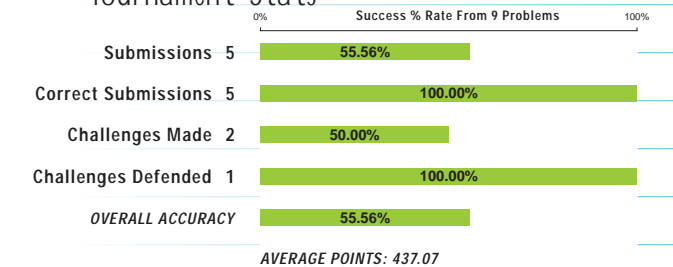
Favorite TopCoder Memory One of the most exciting events for me was SRM 217, where I got 3rd place (I had never done better). During the challenge phase, for a short time I was leading, until Snapdragon got another successful challenge.



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## andrewzta SEED 5 Current Rating 2923

Current Ranking 16 / Rating Percentile 99.8884 / Number of Ratings 45 / Highest Rating 2959 / Country: Russian Federation

### Andrey Stankevich

College Saint-Petersberg State University, ITMO

Hometown St Petersburg

Favorite Food Seafood

Favorite Movie Forrest Gump

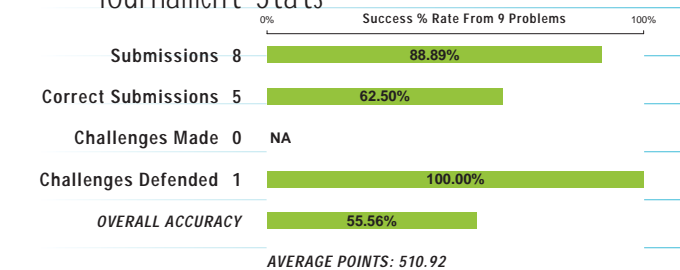
Favorite TopCoder Memory TCO06, I had a contest every day - semi, wildcard, finals. Wildcard was exciting. Coded easy (harder than needed). Coded medium (later failed). 20 minutes left. No chance for hard. Open it. Hm, I can solve it. Coding... 3 minutes left, paste, compile, test... "-1" case wrong! Back to vim, fixing... compile, test... ok! Submit! Passed. Never give up.



#### Rating History



#### Tournament Stats



## ardiankp SEED 58 Current Rating 2629

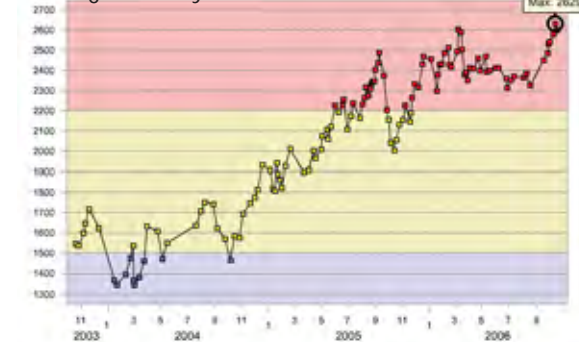
Current Ranking 37 / Rating Percentile 99.7767 / Number of Ratings 126 / Highest Rating 2629 / Country: Indonesia

### Ardian Kristanto Poernomo

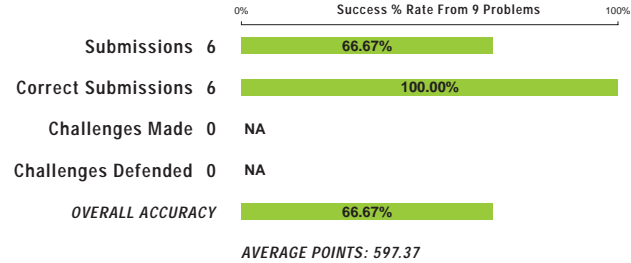
College Nanyang Technological University  
Hometown Surabaya, Indonesia  
Favorite Food Rice!  
Favorite Movie All funny movies are easy to enjoy :)



#### Rating History



#### Tournament Stats



Favorite TopCoder Memory When I reached onsite for the TCO (2005). When I met the TOP-coders, I found they are not that "Nerdy" :P. Haha.. maybe I'm just over-excited, makes my rating which is peaked in the last online round dropped until yellow in several following SRMs, peaked at TCO semifinal which I scored 0 :( I hope I won't repeat that again this year :P

algorithm semifinalists

## Bankevich SEED 188 Current Rating 2041

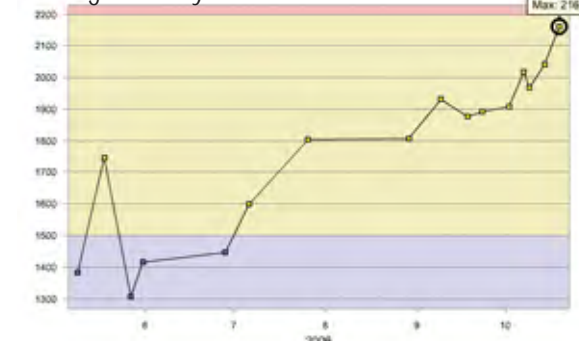
Current Ranking 271 / Rating Percentile 98.3642 / Number of Ratings 15 / Highest Rating 2041 / Country: Russian Federation

### Sergey Bankevich

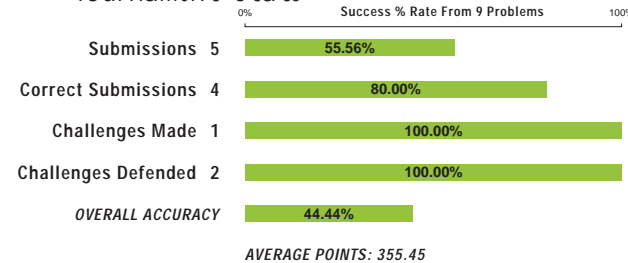
College St. Petersburg SU  
Hometown St. Petersburg  
Favorite Food Ice-cream  
Favorite Band/Artist Nautilus Pompilius



#### Rating History



#### Tournament Stats



Favorite TopCoder Memory I was 53rd at the Round 3 TCCC. And only 48 contestants advance onsite. Unfortunately I know now, that I was not eliminated! It is great!

## bjacoke001 SEED 93 Current Rating 2164

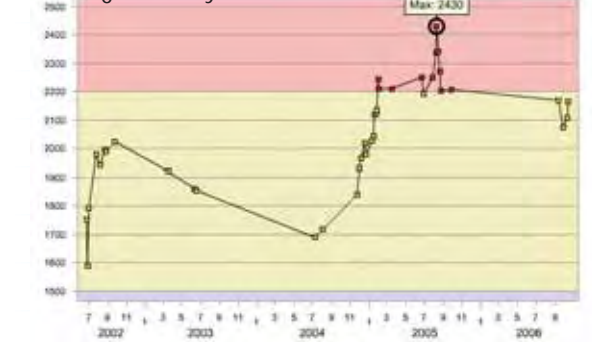
Current Ranking 196 / Rating Percentile 98.8169 / Number of Ratings 39 / Highest Rating 2430 / Country: United States

### Brian Jacokes

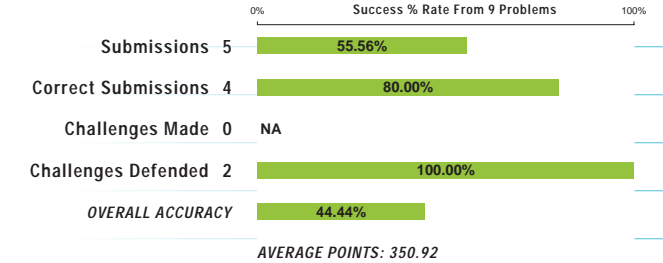
College Massachusetts Institute of Technology  
Hometown McLean, Virginia  
Favorite Food Ice cream  
Favorite Band/Artist Neutral Milk Hotel



#### Rating History



#### Tournament Stats



Favorite TopCoder Memory I've been one-line error from making the onsite finals a couple of times, so I guess edging my way into the running this year was my most exciting TopCoder experience.

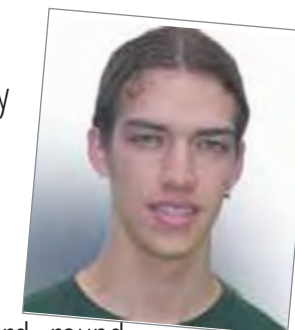
algorithm semifinalists

## bjoeris SEED 193 Current Rating 2117

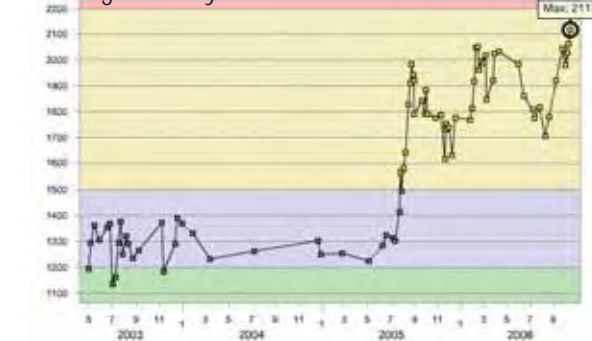
Current Ranking 214 / Rating Percentile 98.7083 / Number of Ratings 81 / Highest Rating 2117 / Country: United States

### Benson Joeris

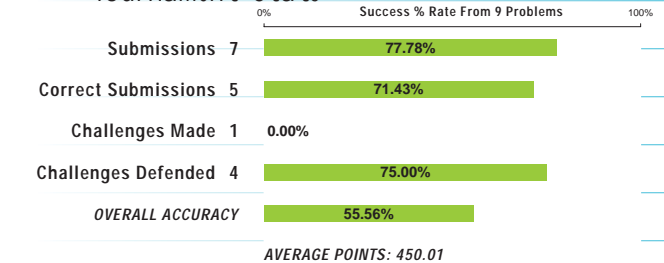
College Colorado State University  
Hometown Fort Collins, Colorado  
Favorite Food Big City potato burrito (local restaurant)  
Favorite Movie The Wall



#### Rating History



#### Tournament Stats



Favorite TopCoder Memory In the 3rd round of this tournament, I was excited about being 16th going into system tests. When I found that my 500 failed, I was sad, knowing I hadn't qualified. Then I scrolled down to see how far I had dropped, and saw the number 48 next to my name.



## bmerry SEED 4 Current Rating 3082

Current Ranking 8 / Rating Percentile 99.9517 / Number of Ratings 60 / Highest Rating 3181 / Country: South Africa

### Bruce Merry

College University of Cape Town

Hometown Cape Town

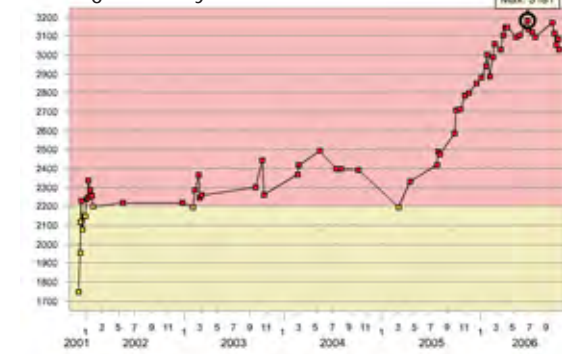
Favorite Food Lasagna

Favorite Movie Lock, Stock and Two Smoking Barrels

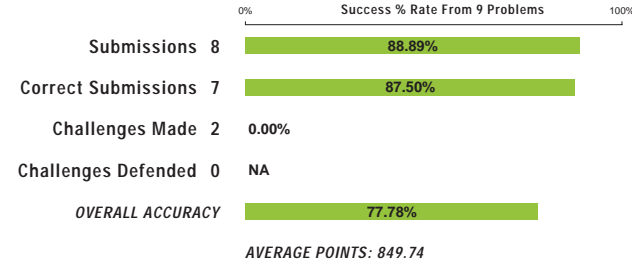
Favorite TopCoder Memory Coming 5th in the 3rd Intel Multi-threaded Contest was an interesting experience. It seemed to take over my life, and I was on campus into the wee hours trying to scrape out an extra few milliseconds to stay in the top 5.



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## darnley SEED 113 Current Rating 2428

Current Ranking 81 / Rating Percentile 99.5111 / Number of Ratings 9 / Highest Rating 2428 / Country: Russian Federation

### Mikhail Dvorkin

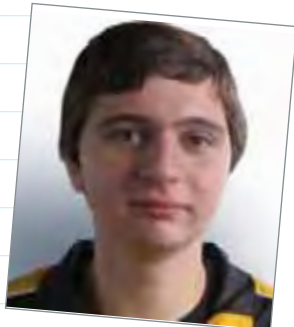
College Saint-Petersberg State University, ITMO

Hometown St. Petersburg, Russia

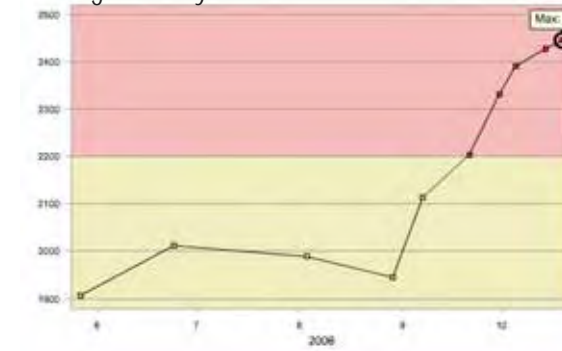
Favorite Band/Artist Belaya Gvardiya (White Guards)

Favorite Movie That Same Munchhausen

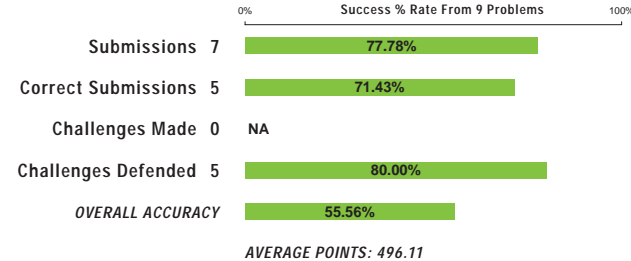
Favorite TopCoder Memory Writing TCCC '06 Round 2A in a computer class of my high school. Resisting a herd of yelling kids, some of them remembering me since the time I studied there, and almost everyone asking what I am doing, and what is that robotic-style-looking program I was using (the arena). I made it though.



#### Rating History



#### Tournament Stats



## domino SEED 81 Current Rating 2046

Current Ranking 266 / Rating Percentile 98.4025 / Number of Ratings 31 / Highest Rating 2229 / Country: Romania

### Mircea Pasoi

College University of Bucharest

Hometown Ploiesti

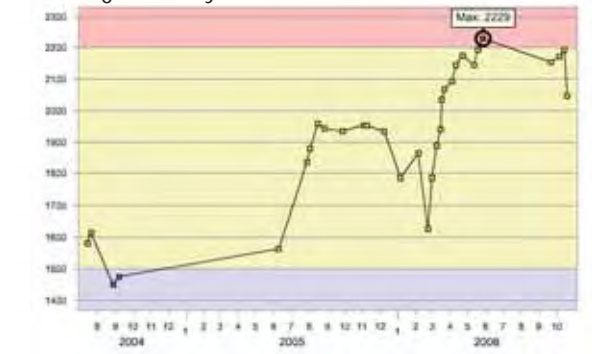
Favorite Food Pizza

Favorite Movie Fight Club

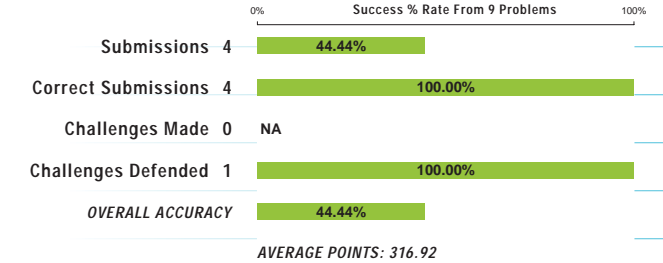
Favorite TopCoder Memory My most exciting TopCoder story is qualifying for the TCCC 2006 onsite finals. I've always wanted to take part at such an event, so this is like a dream come true. I know I will meet some amazing people at the finals...it will be awesome!



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## Egor SEED 20 Current Rating 2812

Current Ranking 20 / Rating Percentile 99.8793 / Number of Ratings 71 / Highest Rating 2812 / Country: Russian Federation

### Egor Kulikov

College Moscow State University

Hometown Yaroslavl'

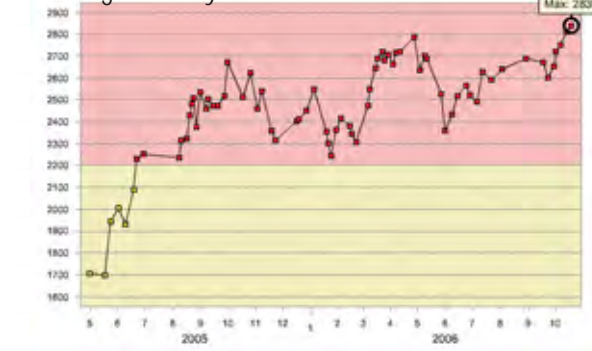
Favorite Food froasted potato with great piece of pork

Favorite Movie V for Vendetta

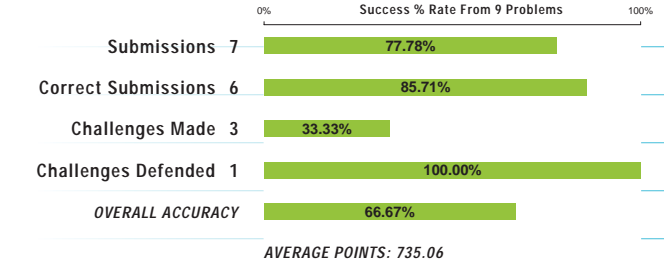
Favorite TopCoder Memory The only SRM I won had a very challenging easy for 300 pts. I started with it and wrote something that somehow passed examples. Then I noticed, that the 450 was submitted for about 445 by some people and wrote it very fast just because of it. I think if I have used different order, I won't ever be in top 10..



#### Rating History



#### Tournament Stats



## Eryx SEED 10 Current Rating 3030

Current Ranking 9 / Rating Percentile 99.9457 / Number of Ratings 110 / Highest Rating 3214 / Country: Poland

### Eryk Kopczynski

College Warsaw University

Hometown Warsaw

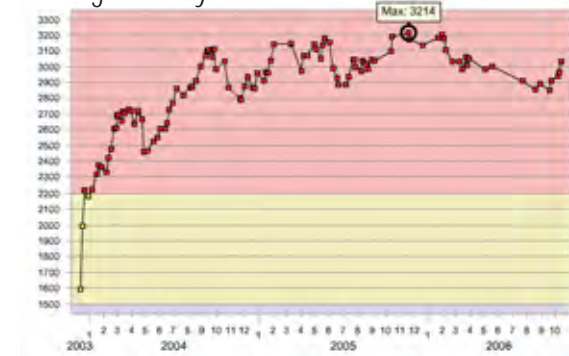
Favorite Movie UFO  
(by me and friends)

Favorite Band/Artist M.C. Escher ;)

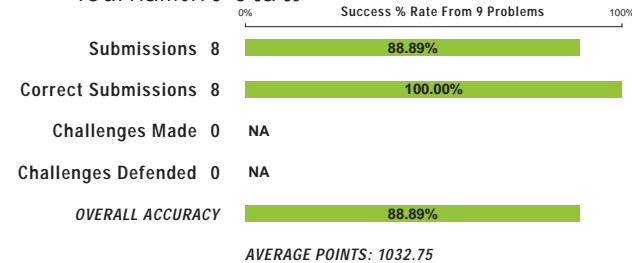
Favorite TopCoder Memory Winning the TCO last year was of course the most exciting story for me. Another exciting story is when I stayed at a place without Internet access during a round of GECJ, and I had to travel to get it, but 50 words is not enough for that.



#### Rating History



#### Tournament Stats



algorithm semifinalists

## falagar SEED 189 Current Rating 2409

Current Ranking 83 / Rating Percentile 99.499 / Number of Ratings 5 / Highest Rating 2409 / Country: Russian Federation

### Roman Satyukov

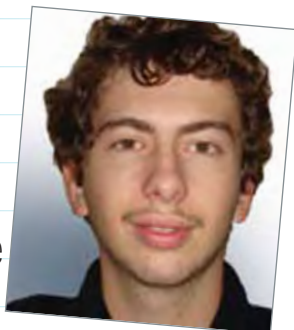
College Saint-Petersberg State University, ITMO

Hometown Saint-Petersburg, Russia

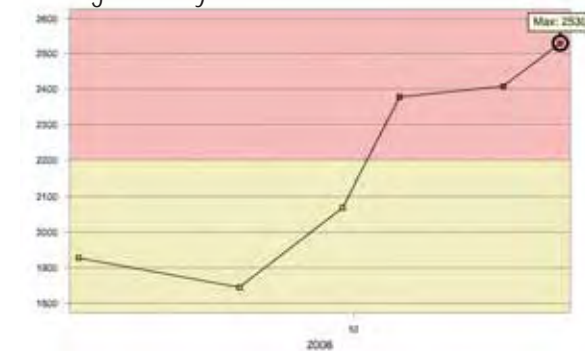
Favorite Movie Back to the Future

Favorite Band/Artist Queen

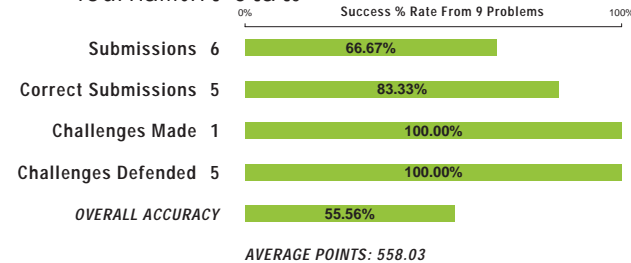
Favorite TopCoder Memory I haven't been to any onsite events or won any SRM's yet. And I hope that my most exciting TopCoder event will be soon.



#### Rating History



#### Tournament Stats



## FatSimon SEED 156 Current Rating 2286

Current Ranking 134 / Rating Percentile 99.1912 / Number of Ratings 17 / Highest Rating 2286 / Country: Canada

### Simon Benjamin Orion Parent

College University of Waterloo

Hometown Waterloo

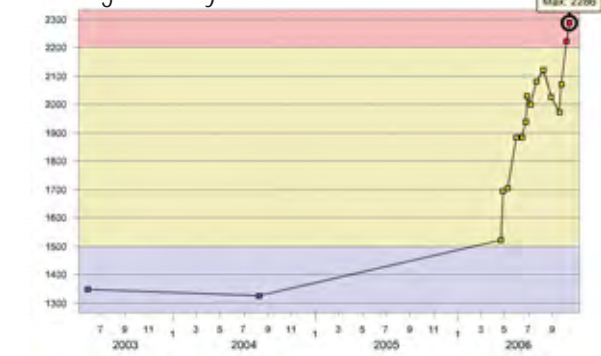
Favorite Food Anything spicy

Favorite Band/Artist M. C. Escher

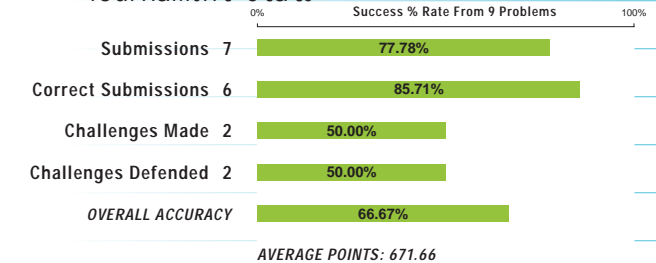
Favorite TopCoder Memory I finally got to red during the TCCC elimination rounds!



#### Rating History



#### Tournament Stats



algorithm semifinalists

## gevak SEED 54 Current Rating 2440

Current Ranking 78 / Rating Percentile 99.5292 / Number of Ratings 67 / Highest Rating 2538 / Country: Russian Federation

### Alexey Zhevak

College Ufa State Technical University of Aviation

Hometown Ufa, Russia

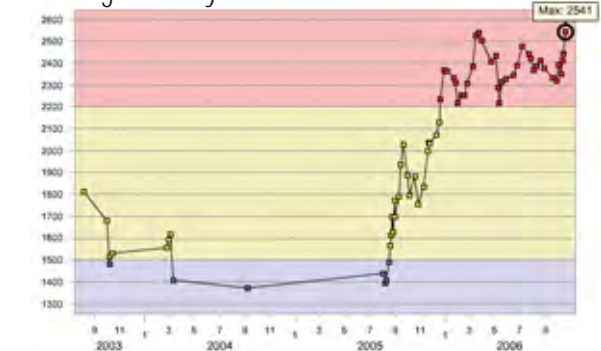
Favorite Food Borsch

Favorite Movie The 5th Element

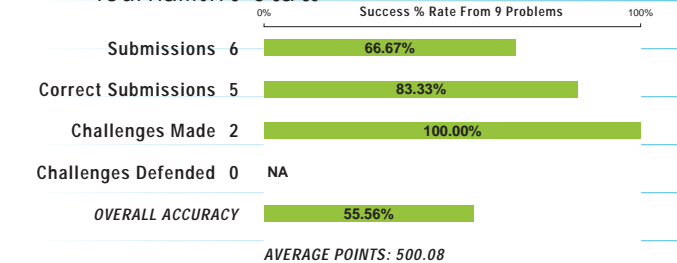
Favorite TopCoder Memory Several weeks before the TCO06 I participated in a Russian programming contest named "The Ural Championship". Our team (me and Denis Nazarov, aka Revenger) won. Then, I went to Las Vegas to compete in the TCO06. The 1000-pt problem in the final was almost the same (!) as the most difficult one from the Ural Championship. Unfortunately I didn't pass to the final, so I lost at least second place and \$10,000. :)



#### Rating History



#### Tournament Stats



## gozman SEED 333 Current Rating 2306

Current Ranking 122 / Rating Percentile 99.2636 / Number of Ratings 8 / Highest Rating 2306 / Country: Russian Federation

### Dmitry Gozman

College Altai State

Technical University

Hometown Barnaul

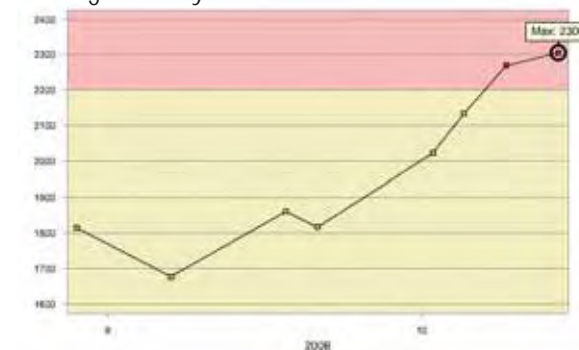
Favorite Food Borsch

Favorite Movie The Matrix

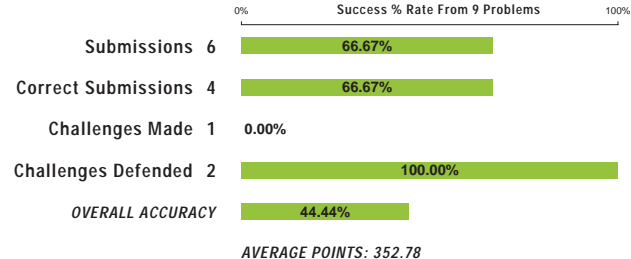


**Favorite TopCoder Memory** At the ACM ICPC World Finals 2006 I met TopCoder members. They told me that TopCoder contests are very interesting. And now I'm glad to take part in this Contest.

#### Rating History



#### Tournament Stats



algorithm semifinalists

## halyavin SEED 36 Current Rating 2705

Current Ranking 30 / Rating Percentile 99.8189 / Number of Ratings 20 / Highest Rating 2705 / Country: Russian Federation

### Andrey Khalyavin

College Moscow State University

Hometown Kirov

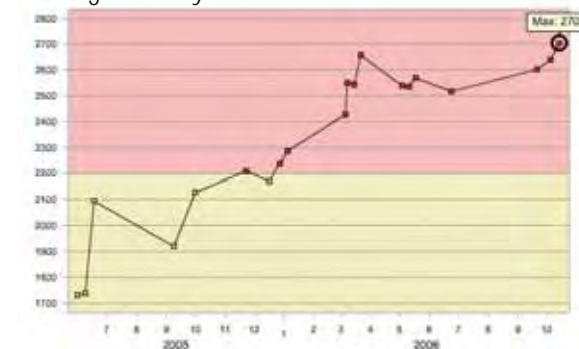
Favorite Food Gooseberries

Favorite Movie Matrix (with Goblin's translation).

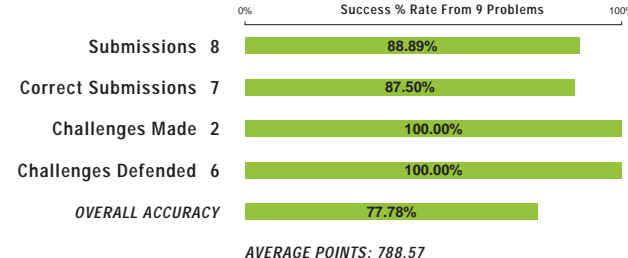


**Favorite TopCoder Memory** I was reminded of elimination round 3 of this TCCC in less than a hour before it starts. This isn't a first such case. I was already used to sudden contests.

#### Rating History



#### Tournament Stats



## ihi SEED 58 Current Rating 2474

Current Ranking 70 / Rating Percentile 99.5775 / Number of Ratings 30 / Highest Rating 2474 / Country: Japan

### Kaisuke Nakajima

College University of Tokyo

Hometown Chigasaki

Favorite Food Pizza

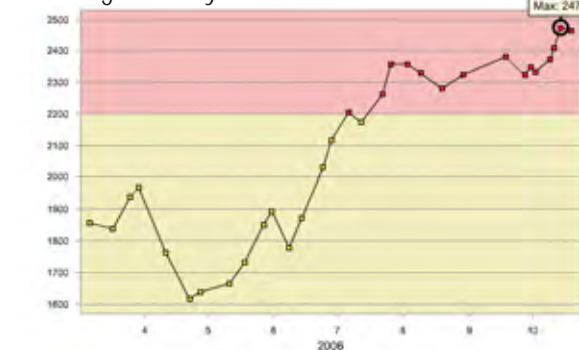
Favorite Movie Apollo 13

Favorite Band/Artist ZZ Top

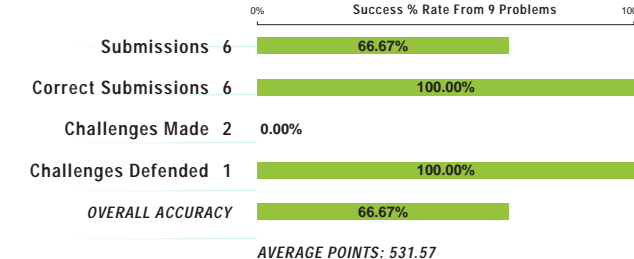


**Favorite TopCoder Memory** Formerly I participated in ACM/ICPC several times but never made it to the finals. I could only imagine how exciting it would be to compete with world champions... and was very surprised to know exactly those people are here in TopCoder :) I really enjoy being part of this community.

#### Rating History



#### Tournament Stats



algorithm semifinalists

## Im2Good SEED 60 Current Rating 2448

Current Ranking 74 / Rating Percentile 99.5533 / Number of Ratings 109 / Highest Rating 2612 / Country: Norway

### Rune Fevang

College Norwegian University

of Science and Technology

Hometown Tønsberg, Norway

Favorite Movie Lord of the Rings, Two Towers



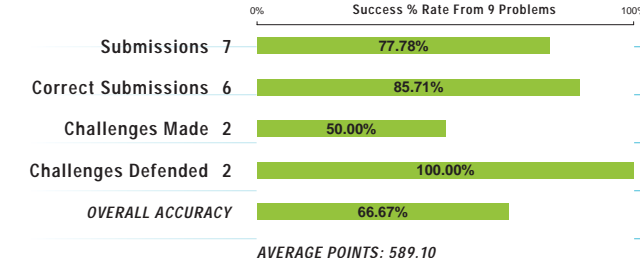
Favorite Band/Artist DJ Tiesto

**Favorite TopCoder Memory** It will have to be SRM 246 where I got a lot of challenges on a precision issue. My own solution also had a precision issue, but fortunately for me, it was just small enough to get by system tests :).

#### Rating History



#### Tournament Stats





## kia SEED 35 Current Rating 2599

Current Ranking 47 / Rating Percentile 99.7163 / Number of Ratings 40 / Highest Rating 2630 / Country: Russian Federation

### Ivan Krasilnikov

College Stavropol State University

Hometown Stavropol,  
Russian Federation

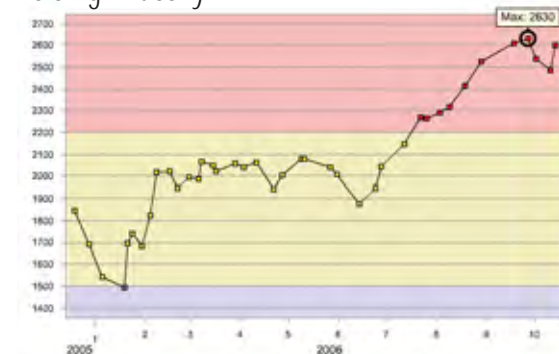
Favorite Food Pizza

Favorite Band/Artist Beatles

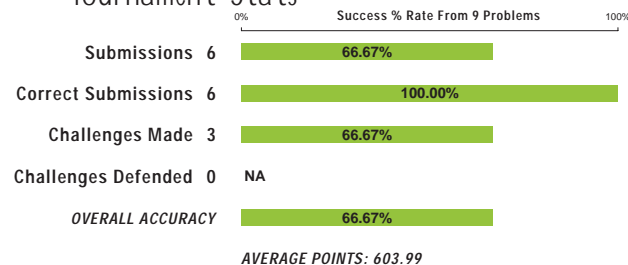
Favorite TopCoder Memory I remember Online Round 1 of TCO 2006. That was my first contest (in Division 1, of course), in which, after I have solved all three problems, I still had about a half of coding time left, and just didn't know what to do next. That was quite a strange new feeling!



#### Rating History



#### Tournament Stats



AVERAGE POINTS: 603.99

## algorithm semifinalists

## KOTEHOK SEED 77 Current Rating 2273

Current Ranking 138 / Rating Percentile 99.167 / Number of Ratings 41 / Highest Rating 2391 / Country: Russian Federation

### Andrey Lopatin

College St. Petersburg  
State University

Hometown St. Petersburg, Russia  
Favorite Food Pelmeni (Russian food  
like ravioli)

Favorite Movie Le Professionel (1981,  
with Jean-Paul Belmondo)

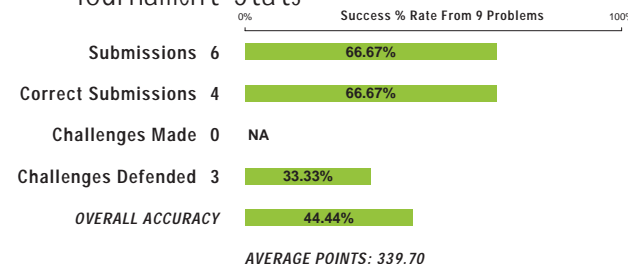
Favorite TopCoder Memory Once on vacation, a strange thought occurred to me. I decided to TopCode! I went to cafe and found the only PC with 64mb memory! But it did not stop me. Although I lost two minutes on my 500 to swapping, it was the fastest, I finished 5th and became red.



#### Rating History



#### Tournament Stats



AVERAGE POINTS: 339.70

## krijgertje SEED 9 Current Rating 3175

Current Ranking 5 / Rating Percentile 99.9698 / Number of Ratings 106 / Highest Rating 3175 / Country: The Netherlands

### Erik-Jan Krijgsman

College Universiteit Twente

Hometown Hengevelde

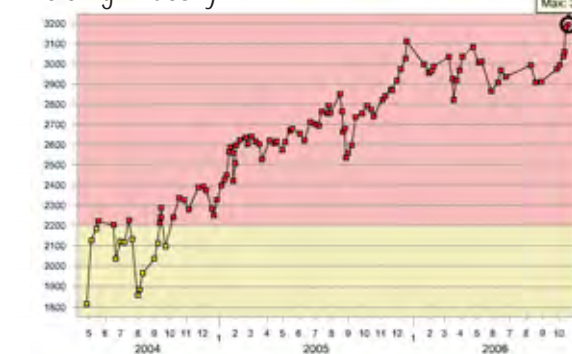
Favorite Movie Lord of the Rings

Favorite Band/Artist U2

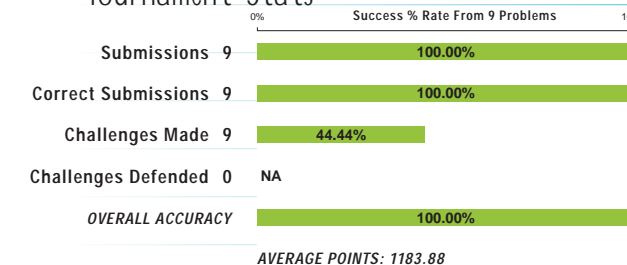
Favorite TopCoder Memory Well, the most exciting thing still is competing at an onsite event. When you sit there, you really feel the tension. I still remember how nervous I was at last years TCCC.



#### Rating History



#### Tournament Stats



AVERAGE POINTS: 1183.88

## algorithm semifinalists

## lucab SEED 30 Current Rating 2609

Current Ranking 41 / Rating Percentile 99.7525 / Number of Ratings 11 / Highest Rating 2609 / Country: Italy

### Luca Barbieri

College Scuola Normale Superiore

Hometown Milano, Italy

Favorite Food Filet mignon

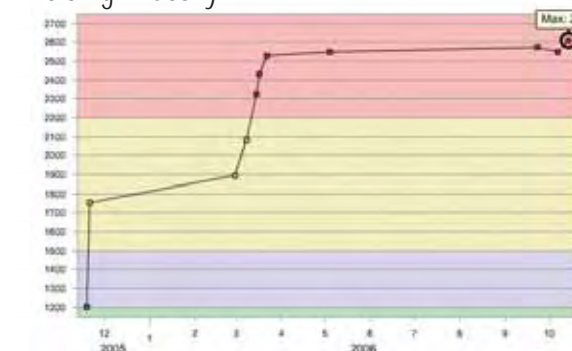
Favorite Movie The Matrix

Favorite TopCoder Memory

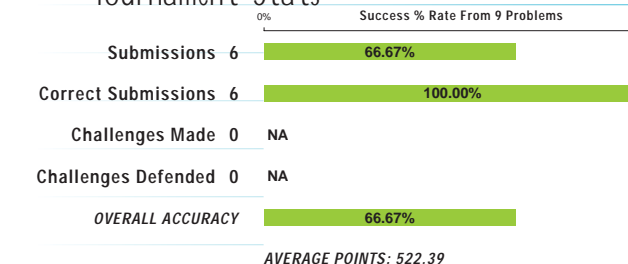
My favorite memory was qualifying for the onsite finals of TCO 2006 in the middle of the night, and then the competition and the stay in Las Vegas.



#### Rating History



#### Tournament Stats



AVERAGE POINTS: 522.39



## Macsy SEED 170 Current Rating 2195

Current Ranking 179 / Rating Percentile 98.9195 / Number of Ratings 20 / Highest Rating 2195 / Country: China

### Yifei Zhang

College TsingHua University

Hometown China

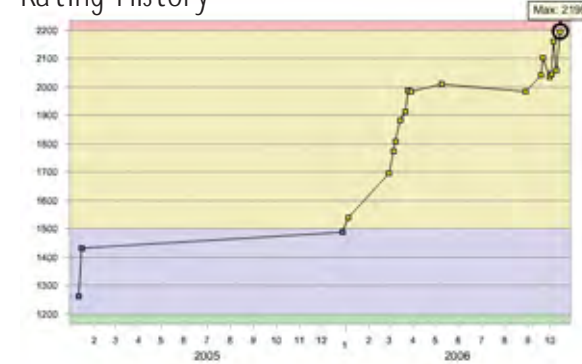
Favorite Food Meat

Favorite Movie Ice Age II

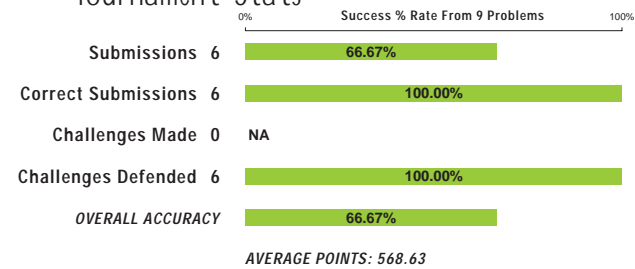
Favorite TopCoder Memory I am very happy that I have the chance to join the TCCC, maybe this will be my most exciting TopCoder story.



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## maone SEED 163 Current Rating 2214

Current Ranking 167 / Rating Percentile 98.992 / Number of Ratings 60 / Highest Rating 2214 / Country: China

### Yiqiang Mao

College ZheJiang University

Hometown Jiangshan, Zhejiang Province, China

Favorite Movie A Better Tomorrow

Favorite band/artist Chow Yun-Fat

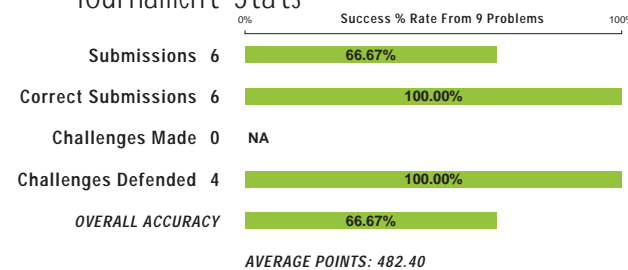
Favorite TopCoder Memory I got 9 successful challenges in the midnight of the China Spring Festival 2006.



#### Rating History



#### Tournament Stats



## Maris SEED 97 Current Rating 2244

Current Ranking 150 / Rating Percentile 99.0946 / Number of Ratings 122 / Highest Rating 2346 / Country: Sweden

### Marcus Isaksson

College Chalmers

Hometown Bredaryd

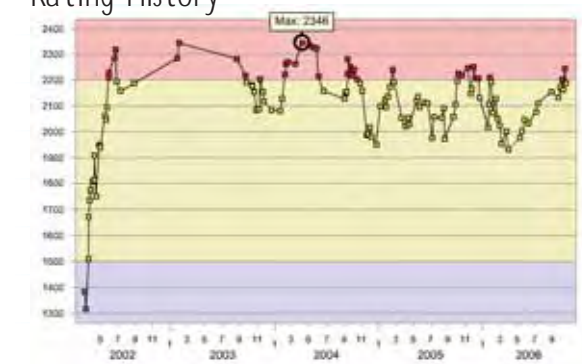
Favorite Food Spicy North-African couscous dishes

Favorite Movie O Brother, Where Art Thou?

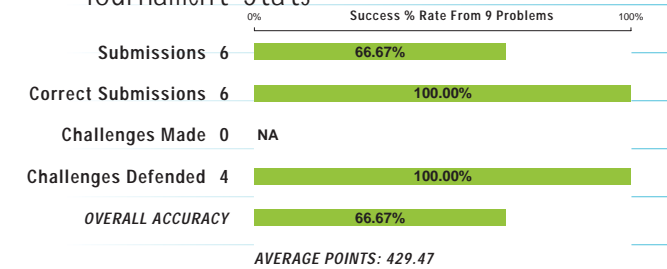
Favorite TopCoder Memory My most memorable TopCoder experience so far was probably when I joined Yarin as a guest to TCO '03. Following the competition onsite was awesome, and spending hours at the airport playing games with Tomek and other reds waiting on blizzard-delayed planes added a nice twist to the end.



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## mathijs SEED 24 Current Rating 2601

Current Ranking 44 / Rating Percentile 99.7344 / Number of Ratings 58 / Highest Rating 2872 / Country: The Netherlands

### Mathijs Vogelzang

College Rijksuniversiteit Groningen

Hometown Groningen, Netherlands

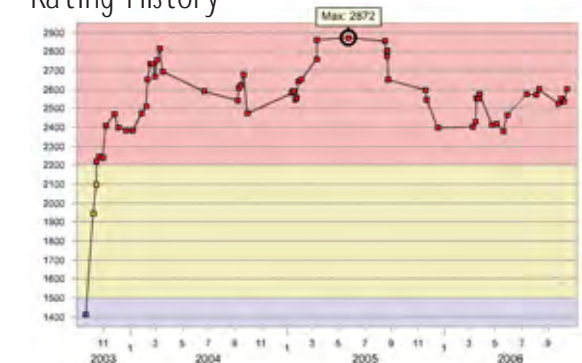
Favorite Movie Pulp Fiction (my ACM programming team, "bug fiction" was named after it)

Favorite Band/Artist The Smashing Pumpkins

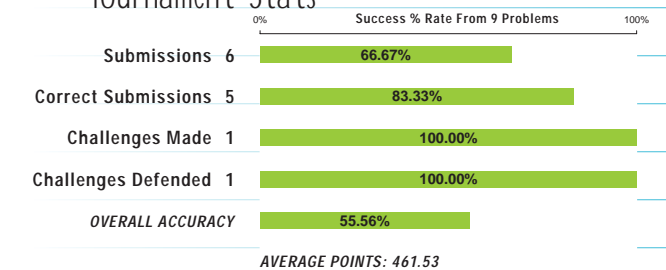
Favorite TopCoder Memory Winning the TCCC '05 was very exciting. I couldn't believe it at first. I made it into the biggest national newspaper with a photo. The "I won the TCCC" party I threw back home was great fun.



#### Rating History



#### Tournament Stats



## Mike Mirzayanov SEED 40 Current Rating 2540

Current Ranking 55 / Rating Percentile 99.668 / Number of Ratings 84 / Highest Rating 2571 / Country: Russian Federation

### Michael Mirzayanov

College Saratov State University

Hometown Saratov. Have you been in Saratov?

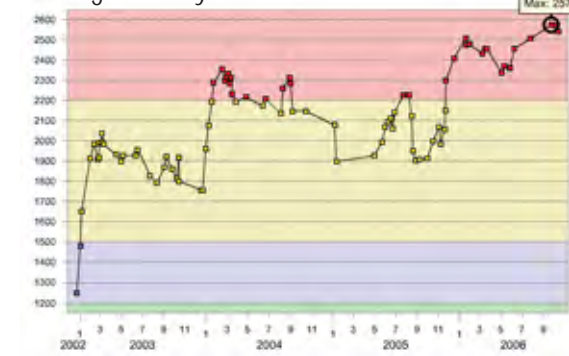
Favorite Food Tuborg

Favorite Band/Artist Only Russians: Irina Bogushevskaya, Svetlana Sur-ganova, Zimovie Zverey, etc...

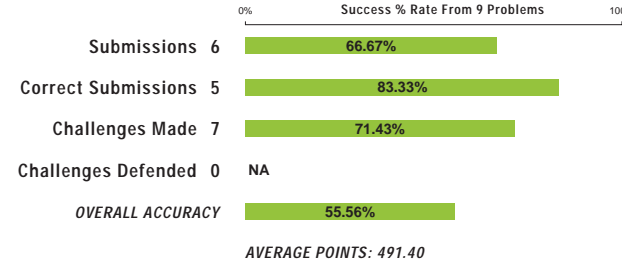
Favorite TopCoder Memory I took the 54th place on the TCCC Round 3, but advanced to the finals. Great!



#### Rating History



#### Tournament Stats



## Multifarious SEED 278 Current Rating 1976

Current Ranking 330 / Rating Percentile 98.0181 / Number of Ratings 40 / Highest Rating 2039 / Country: United States

### Nathan Claus

College Purdue University

Hometown Indianapolis, Indiana

Favorite Food Macaroni and Cheese

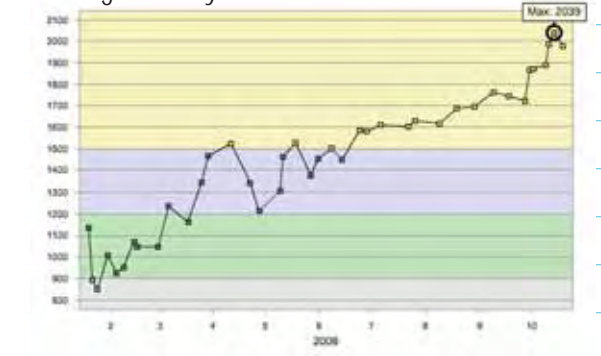
Favorite Band/Artist Aphex Twin

Favorite TopCoder Memory

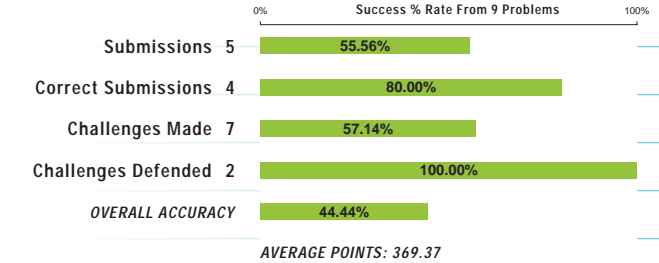
My favorite TopCoder experience actually was not related to SRMs, or the TCCC or the Marathon Matches - it was competing in Abednego's puzzles through the Forums.



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## misof SEED 2 Current Rating 3165

Current Ranking 6 / Rating Percentile 99.9638 / Number of Ratings 76 / Highest Rating 3387 / Country: Slovakia

### Michal Forisek

College Comenius University

Hometown Poprad, Slovakia

Favorite Food Curry chicken, and anything hot & spicy

Favorite Movie Blade Runner

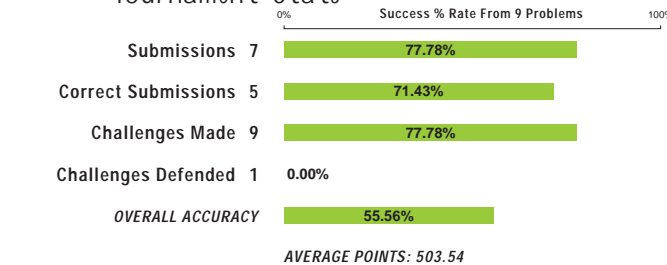
Favorite TopCoder Memory Getting into TCCC'05 finals. It was my first TC event, and it was quite emotional from my point of view -- in the semis a narrow loss to tomek due to a subtle bug, and then getting back in shape and winning the wildcard.



#### Rating History



#### Tournament Stats



## nicka81 SEED 50 Current Rating 2336

Current Ranking 106 / Rating Percentile 99.3634 / Number of Ratings 147 / Highest Rating 2791 / Country: Russian Federation

### Nikolay Archak

College New York University

Hometown Saint-Petersburg, Russia

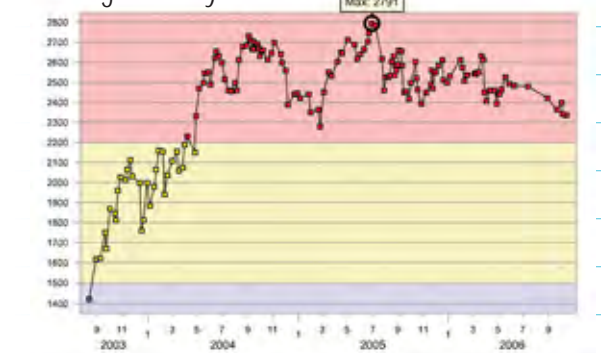
Favorite Food Korean samgyeopsal

Favorite Band/Artist Scorpions

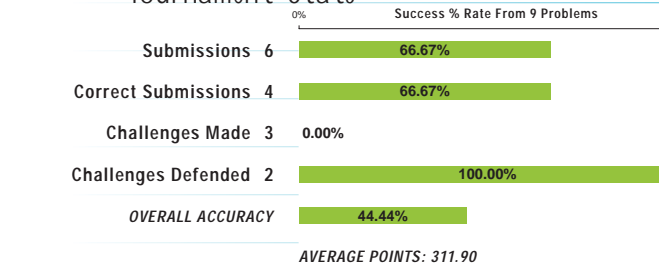
Favorite TopCoder Memory One of my favorite TopCoder memories is taking the second place in the Algorithm Semifinals at TCO05 and advancing to the finals. I never was very confident in my algorithmic skills and I didn't expect to get this far in my first major TopCoder tournament. The suspense of waiting for system tests combined with excitement gave an incredible feeling of adrenaline flowing through my veins. This day will take me long to forget.



#### Rating History



#### Tournament Stats



## nika SEED 86 Current Rating 2510

Current Ranking 63 / Rating Percentile 99.6197 / Number of Ratings 14 / Highest Rating 2510 / Country: Georgia

### Nicholas Jimshelishvili

College Tbilisi State University

Hometown Tskaltubo (Georgia)

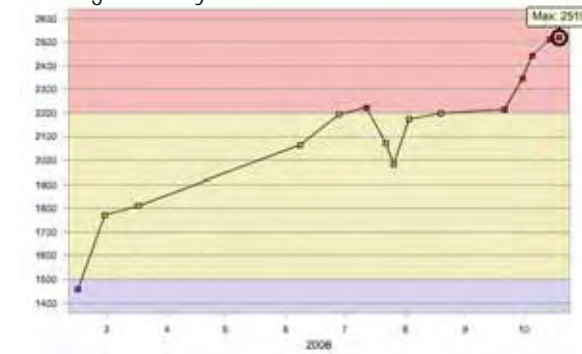
Favorite Food Khinkali

Favorite Movie Good The Bad  
And The Ugly

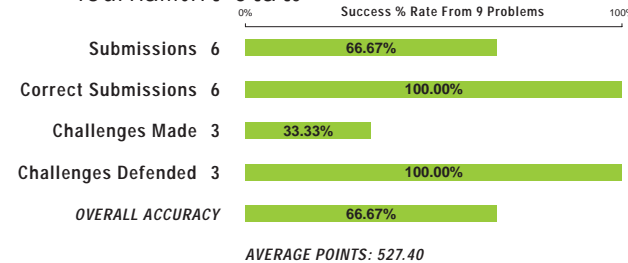


Favorite TopCoder Memory I finished the 250p and the 500p very fast and was in first place. Not a very fast solution in the 1000p left me in top 10. But after testing phases only the 1000p survived. As a result my strategy became opposite: 1) do the 250p and the 500p slow 2) don't do the 1000p. It worked very well in the TCCC online rounds, so one bad match is now my favorite memory.

#### Rating History



#### Tournament Stats



algorithm semifinalists

## olo SEED 274 Current Rating 2053

Current Ranking 264 / Rating Percentile 98.4065 / Number of Ratings 35 / Highest Rating 2053 / Country: Poland

### Aleksander Piotrowski

College Warsaw University

Hometown Lochowo

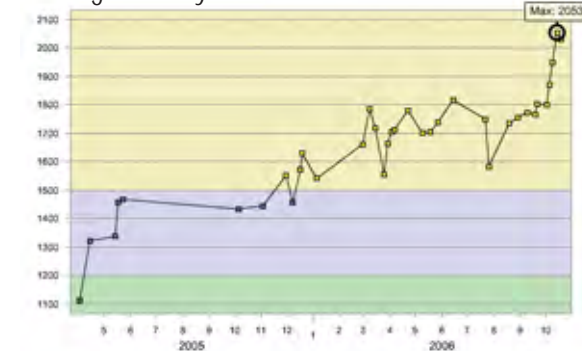
Favorite Movie  
The Shawshank Redemption

Favorite Band/Artist  
Red Hot Chili Peppers

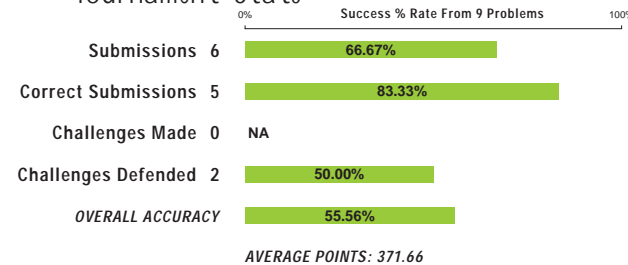


Favorite TopCoder Memory I'm just having a great time solving problems with people from all over the world.

#### Rating History



#### Tournament Stats



## OpenGL SEED 19 Current Rating 2687

Current Ranking 33 / Rating Percentile 99.8008 / Number of Ratings 39 / Highest Rating 2713 / Country: China

### Wenbin Tang

College Tsinghua University

Hometown Xinchang, Zhejiang

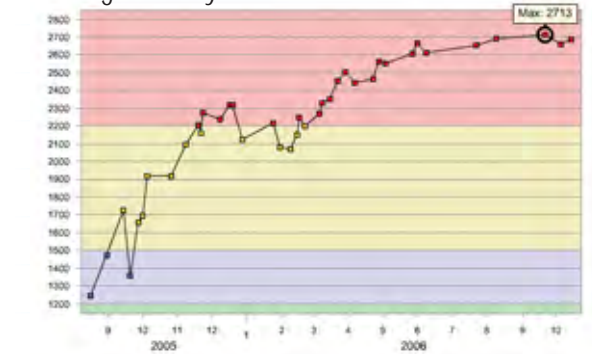
Favorite Food Fried beef

Favorite Band/Artist Aquarius

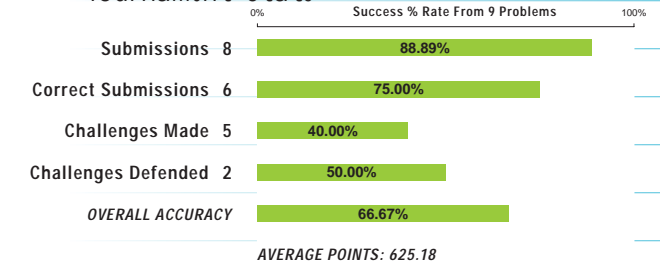
Favorite TopCoder Memory I've never been the first in an SRM !!!! ...before System testing.....



#### Rating History



#### Tournament Stats



algorithm semifinalists

## Petr SEED 3 Current Rating 3336

Current Ranking 2 / Rating Percentile 99.9879 / Number of Ratings 83 / Highest Rating 3491 / Country: Russian Federation

### Petr Mitrichev

College Moscow State University

Hometown Moscow

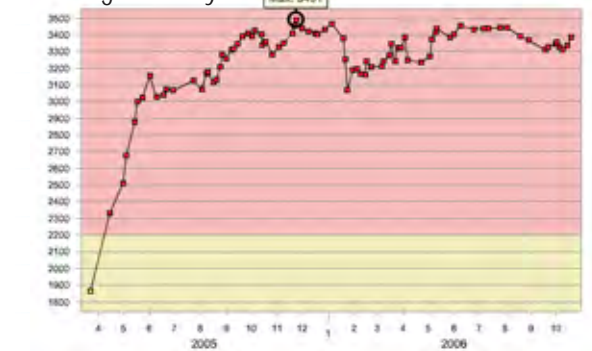
Favorite Food Beef

Favorite Band/Artist Irina  
Bogushevskaya

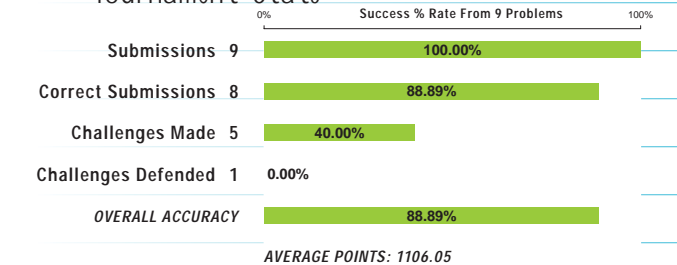
Favorite TopCoder Memory Currently I have one story that outweighs all the other stories taken together - it's about winning TCO'06. When the coding phase ended, it was good. When I blind challenged +125, it became better. When torek's hard failed challenge, it became even better. And when I passed the system tests, it was just the best.



#### Rating History



#### Tournament Stats



## PMH SEED 109 Current Rating 2203

Current Ranking 176 / Rating Percentile 98.9376 / Number of Ratings 71 / Highest Rating 2387 / Country: China

### Minghao Pan

College ZheJiang University

Hometown Hangzhou

Favorite Food Almost everything

Favorite Band/Artist Stefanie Sun

Favorite TopCoder Memory It should

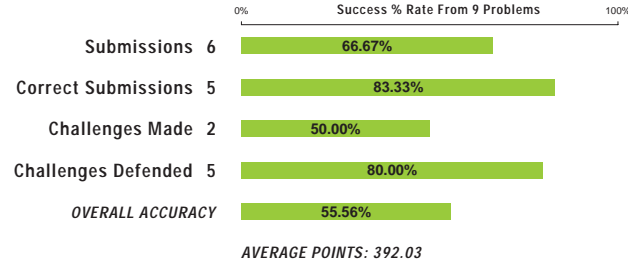
be the last online round of this TCCC. I guess everyone can understand how exciting it is to advance onsite, especially after many times of failure in the last 4 years. The moment I found myself on the top 48 after system tests, it was really fascinating.



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## Psyho SEED 61 Current Rating 2495

Current Ranking 66 / Rating Percentile 99.6016 / Number of Ratings 52 / Highest Rating 2495 / Country: Poland

### Przemyslaw Debiak

College Warsaw University

Hometown Gdansk

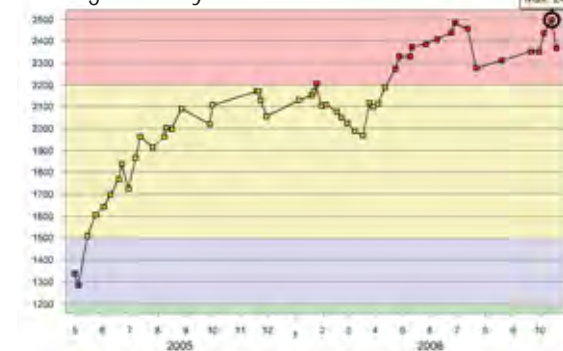
Favorite Movie Requiem for a Dream

Favorite Band/Artist Simon Posford

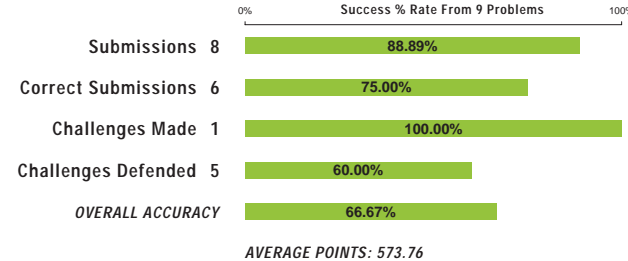
Favorite TopCoder Memory I don't have any story so far, but I hope I'll have one after TCCC ;)



#### Rating History



#### Tournament Stats



## reid SEED 7 Current Rating 3125

Current Ranking 7 / Rating Percentile 99.9577 / Number of Ratings 72 / Highest Rating 3211 / Country: United States

### Reid Barton

College Harvard University

Hometown Arlington, MA

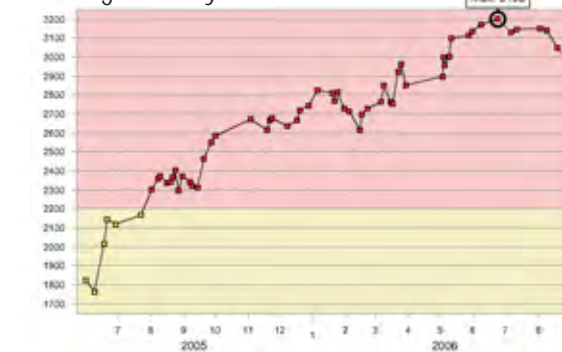
Favorite Food Any ethnic food

Favorite TopCoder Memory

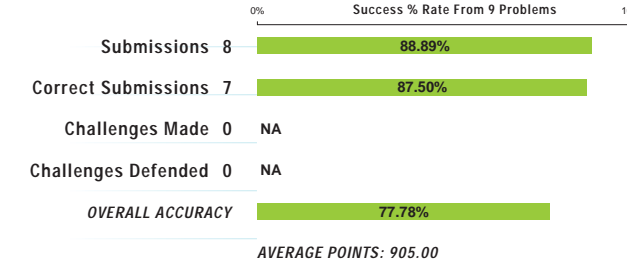
Antimatter and I decided to walk from the TCCC in Boston back to MIT at 4 in the morning.



#### Rating History



#### Tournament Stats



## algorithm semifinalists

## Revenger SEED 25 Current Rating 2751

Current Ranking 25 / Rating Percentile 99.8491 / Number of Ratings 79 / Highest Rating 2771 / Country: Russian Federation

### Denis Nazarov

College Ufa State Technical

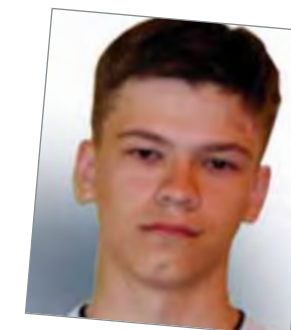
University of Aviation

Hometown Ufa

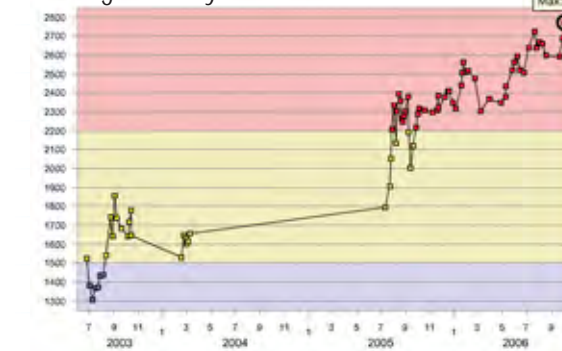
Favorite Food Strawberry

Favorite Movie Vanilla Sky

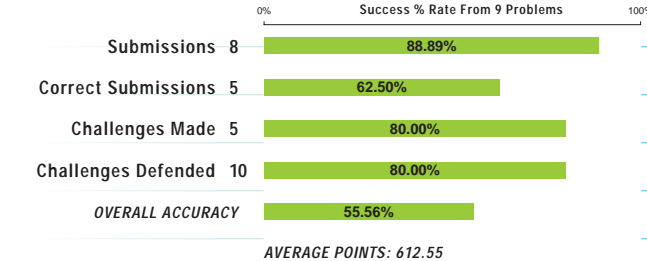
Favorite TopCoder Memory I thought I lost my trip when after 5 seconds after TCCCO6 Online Round 3 I found the stupidest bug in my 500-point problem. But .. I am still going to San Diego =)



#### Rating History



#### Tournament Stats



## tomek SEED 1 Current Rating 3394

Current Ranking 1 / Rating Percentile 99.994 / Number of Ratings 105 / Highest Rating 3592 / Country: Poland

### Tomasz Czajka

College Purdue University

Hometown Stalowa Wola

Favorite Food Pizza

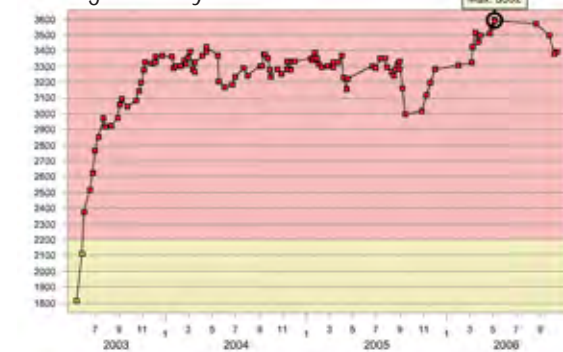
Favorite Movie Back to the Future

Favorite TopCoder Memory I enjoyed

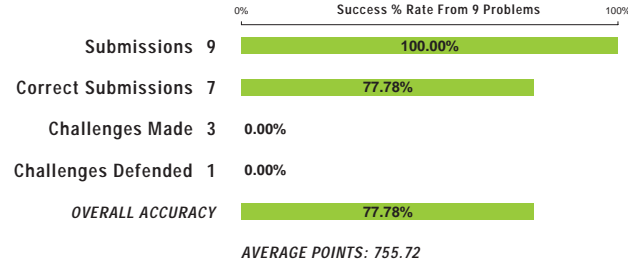
winning a contest online when I submitted an incorrect solution very quickly on purpose to see if I could trick others into following with the "obvious" incorrect solution. It worked and sparked a discussion on competition versus cooperation at TopCoder.



#### Rating History



#### Tournament Stats



AVERAGE POINTS: 755.72

algorithm semifinalists

## Tomy SEED 135 Current Rating 2216

Current Ranking 164 / Rating Percentile 99.0101 / Number of Ratings 68 / Highest Rating 2522 / Country: Spain

### Tomas Lloret Linares

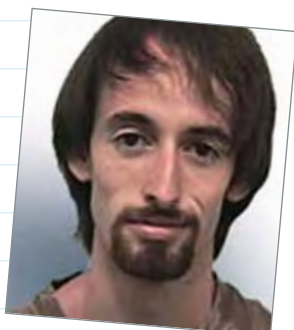
College Universitat Politcnica de Catalunya

Hometown La Vila Joiosa

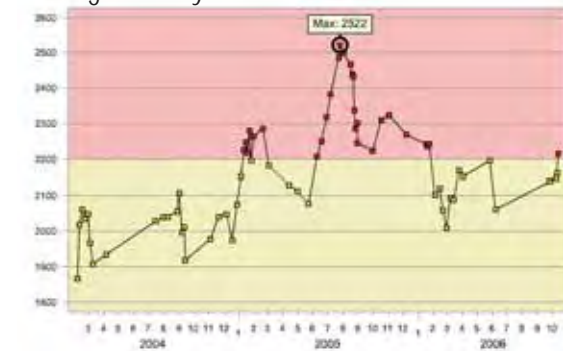
Favorite Food Tagliatelle alla carbonara

Favorite Movie Fight Club

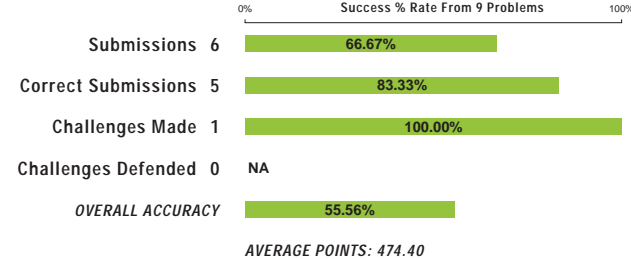
Favorite TopCoder Memory One of the first days of my internship at Google I was facing one of those mental challenges they all talk about: choosing a drink at one of the micro-kitchens... There was someone with the same problem right next to me, then I glanced at him and said "Wait a minute! You're John Dethridge, right?"



#### Rating History



#### Tournament Stats



AVERAGE POINTS: 474.40

## tywok SEED 218 Current Rating 2095

Current Ranking 232 / Rating Percentile 98.5996 / Number of Ratings 48 / Highest Rating 2095 / Country: Spain

### Ricardo Martin

College Universitat Politecnica de Catalunya

Hometown Madrid, Spain

Favorite Movie The Matrix

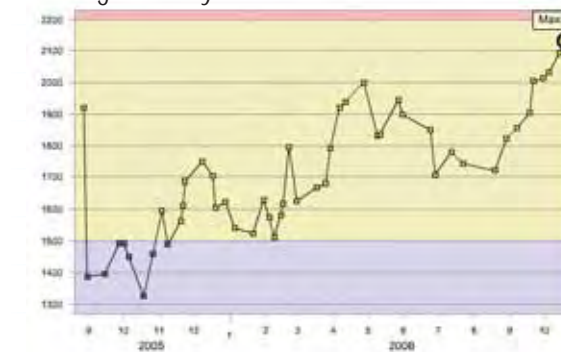
Favorite Band/Artist

Red Hot Chili Peppers

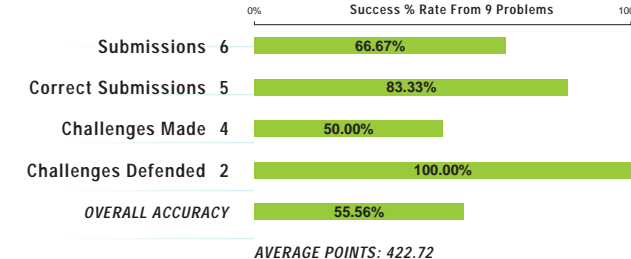
Favorite TopCoder Memory Once, I was doing an SRM at 3am and suddenly saw something moving in the kitchen. I thought it was a hallucination because of the hour it was. During the next SRM I had the same vision. I stood up to investigate. It was a little mouse that liked to go through my house at night. The question is how it got to the 6th floor. :-)



#### Rating History



#### Tournament Stats



AVERAGE POINTS: 422.72

algorithm semifinalists

## Vedensky SEED 154 Current Rating 2204

Current Ranking 175 / Rating Percentile 98.9437 / Number of Ratings 77 / Highest Rating 2451 / Country: Ukraine

### Kirill Vedensky

College National Technical University of Ukraine, KPI

Hometown Kiev

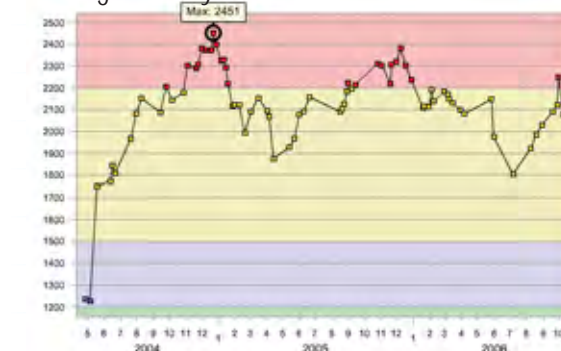
Favorite Movie Soviet Cartoon

Favorite Band/Artist Pikkardiyska Terzia

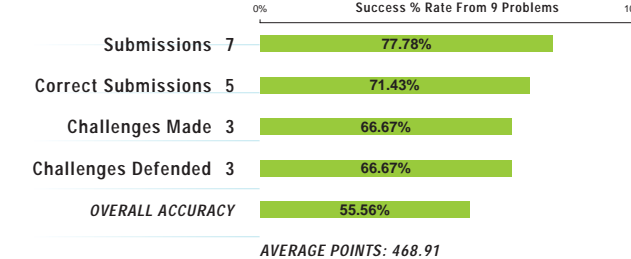
Favorite TopCoder Memory I won second place in the third SRM I competed in, while in the first SRM (two weeks before) I just knew Pascal, and only basics of C++. I couldn't solve the Div2Medium on it because I didn't know how to do simple type conversions in C++.



#### Rating History



#### Tournament Stats



AVERAGE POINTS: 468.91



## Vintik SEED 80 Current Rating 2356

Current Ranking 100 / Rating Percentile 99.3964 / Number of Ratings 49 / Highest Rating 2386 / Country: Russian Federation

### Konstantin Azarov

College Moscow Engineering

Physics Institute

Hometown Moscow, Russia

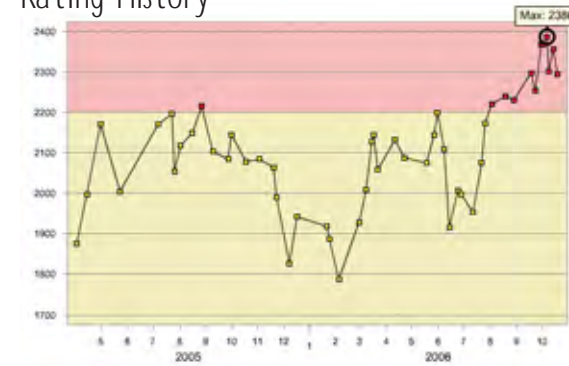
Favorite Food Candy :)

Favorite Movie Once upon a time in America

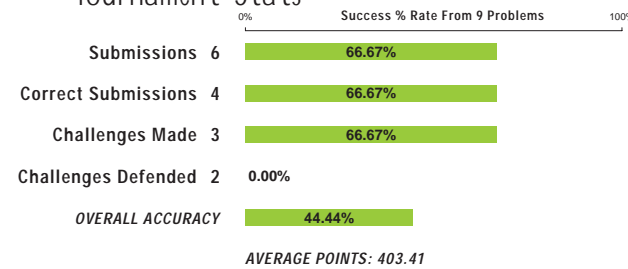


Favorite TopCoder Memory Well, I think that Round 3 of this TCCC was the most exciting until now. With crappy solution of 500 and a not 100% 250, only 100 challenge points gave some hope. In short, I would say that it was very exciting to wait for the division summary update after system tests :).

#### Rating History



#### Tournament Stats



algorithm semifinalists

## Vitaliy SEED 134 Current Rating 2273

Current Ranking 138 / Rating Percentile 99.167 / Number of Ratings 13 / Highest Rating 2273 / Country: Russian Federation

### Vitaly Valtman

College St. Petersburg State University

Hometown St. Petersburg

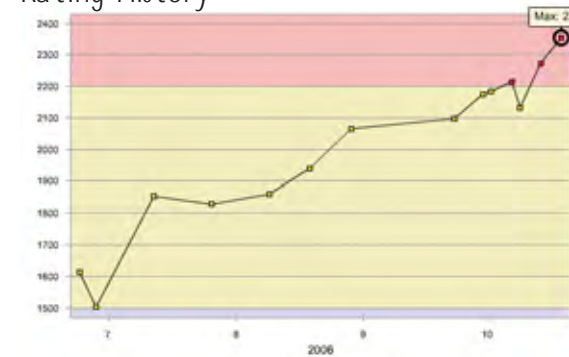
Favorite Food Meat with potatoes

Favorite Band/Artist Vladimir Visotsky

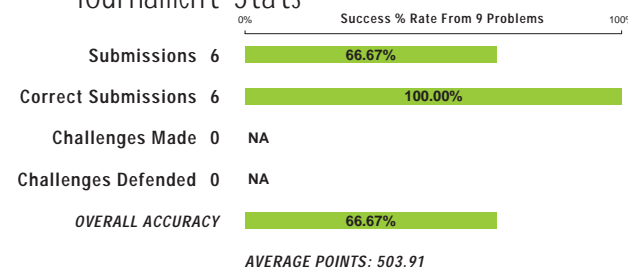
Favorite TopCoder Memory My best place in TopCoder competition isn't very good, so I was almost sure that I would fail in TCCC eliminating round. After the coding & challenging phases I was in the first 48. So the most exciting in this is that all problems I have submitted were accepted, because often I have a faulty bug in my solution.



#### Rating History



#### Tournament Stats



## Vovka SEED 166 Current Rating 2155

Current Ranking 200 / Rating Percentile 98.7928 / Number of Ratings 64 / Highest Rating 2155 / Country: Ukraine

### Volodymyr Kachurovskiy

College National Technical

University of Ukraine, KPI

Hometown Vinnitsa

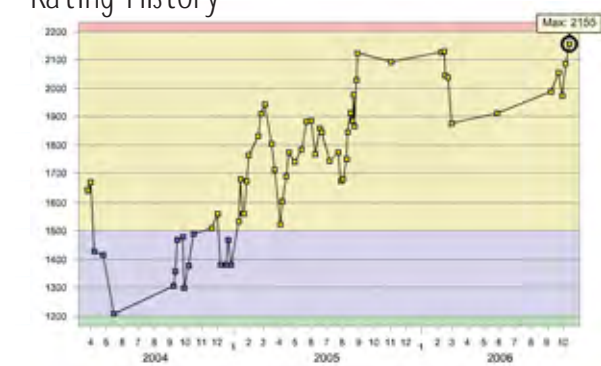
Favorite Movie American Beauty

Favorite Band/Artist Metallica

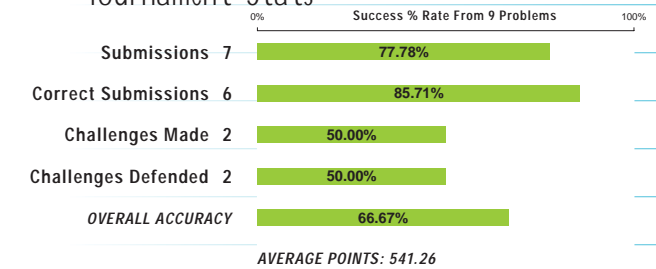
Favorite TopCoder Memory TCCCO6 is the most exciting story for me itself. I find it a complete adventure to win a trip to the finals and to meet the best world coders.



#### Rating History



#### Tournament Stats



algorithm semifinalists

## Ying SEED 22 Current Rating 2714

Current Ranking 29 / Rating Percentile 99.825 / Number of Ratings 64 / Highest Rating 2903 / Country: China

### Ying Wang

College Stanford University

Favorite Food Pizza

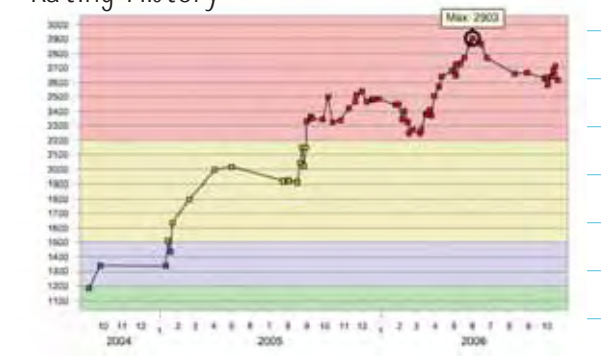
Favorite Movie Legends of the Fall

Favorite Band/Artist Faye Wong

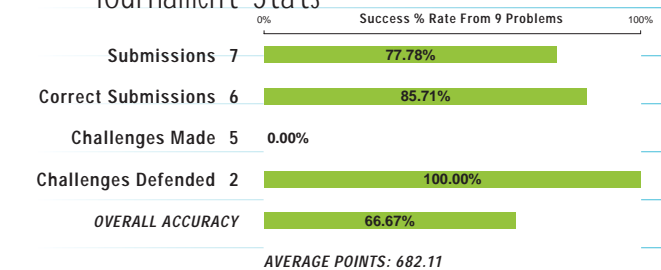
Favorite TopCoder Memory In one prized SRM, I topped the room by beating Petr and Andrewzta.



#### Rating History



#### Tournament Stats



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## TCCC Bloggers: Reporting Live from San Diego

For this year's TopCoder Collegiate Challenge we wanted two bloggers to join us onsite and give a member's perspective on the competition, the atmosphere and the city of San Diego. Those members interested in attending participated in our Pick Me Contest where they submitted an essay explaining why they should be selected as a blogger for the TCCC. Our two winners are enthusiastic about TopCoder, possess impressive creative writing skills, and most importantly, will give a detailed account of the entire event. Excerpts from our winners' essays are below and you can also read their live tournament blogs online at [www.topcoder.com/tccc06](http://www.topcoder.com/tccc06)



**[Churchillio]**  
Dave Churchill

"... I'm outgoing, speak fluent English, and have a great sense of humor... so blogging about the competition would be as much fun to read as it would be for me to

write (I provide a 60 day moneyback guarantee\* on all claims of humor related writings). I think I would be able to put a spin on the competition that provides people with a real feel of the spirit, tension and atmosphere of the live programming competition experience, and probably get a few people who weren't interested in TopCoder / live competition to be more interested in it.

I would also put a nice geek-twist on the blog, something like "Real life algorithms", where I would describe aspects of the competition in pseudocode, or something similar. Contextual humor, combined with seriously informative writing would be my angle, one I believe would be the best for such an event. If it was totally insane with no actual reporting it would be useless, but if it was totally serious to the point of boring, nobody would read. I have multiple years experience with digital photography and image editing, so the blog would also be full of photos for people to enjoy.

So pick me, I love competition, I love writing, I'd make it worth your while, and you wouldn't be sorry. "



**[RRLevering]**  
Ryan Levering

"... This particular competition has always piqued my interest, mainly because it takes out some of the big names and therefore opens the door to a lot of coders that may not

be able to compete at a more open competition like the TCO. Therefore, I usually find the competition a little more interesting, much like watching non-professional sports. I've almost been selected to go to the last two TCCCs. This has been annoying for me, but definitely has increased my desire to be there, even if I can't compete. Having someone who really wants to be there is important to making sure they take an active interest in what they're writing and in what is going on. ...

... From the company's point of view, what the bloggers write will be important to both attracting envious coders for the next competition, as well as selling the sophistication and brilliance of the current competitors to sponsoring companies. I think that I can add to the TCCC experience with my professional style and insight."





# My notes from the TCCC06

## Pablo Wolfus

[ pulky ]  
Universidad de Buenos Aires, Argentina  
Computer Engineering  
"One fun thing I did while in college was playing no-rule soccer matches. You can see me in this photo after a friendly, clean, fair-played college soccer match. If you observe carefully, you'll notice an opponent's sock resting on my shoulder, I took it as a souvenir, isn't that nice?"

## Mike Lydon

[ mike ]  
University of Connecticut  
Management Information Systems "I wasted an hour or two each day playing darts."

## Travis Haas

[ thx1138 ]  
Purdue University  
Electrical Engineering  
Technology  
"I was a shift leader at a Whirlpool packaging plant where I became friends with a guy who called himself Death Chuck."

## Alejandro Marcu

[ cucu ]  
Universidad de Buenos Aires  
Electronic Engineering  
"When I was in college, I earned my life by dancing tango in the streets."

## Lars Backstrom

[ lbackstrom ]  
Cornell University - Computer Science  
"I play hockey."

## Cheun Haas

[ bettylee74 ]  
Purdue University - Pre-Med,  
Hartford Art School - Graphic Design  
"I played bass guitar for my friend's band. We played two open-mic shows and a few parties, and our set included me switching instruments with my band mates so I could sing 'Self Esteem' by the Offspring."

## Nick Trefz

[ ntrefz ]  
University of Connecticut  
Mathematics "Someone on my dorm floor gave me a ZIP file of html pages entitled 'Learn C++ in 21 days.' It didn't work."

## Olexiy Oryeshko

[ OlexiyO ]  
Kiev National University  
Applied Mathematics and Computer Science  
"Member of both Indoor soccer team and mathematics team but if they overlapped, I missed the soccer game."

## Diego Belfer

[ yes ]  
Universidad de Buenos Aires, Argentina - Computer Science  
"These are the kind of things we do in Argentina when someone ends college. Next to me is a recently graduate friend covered with eggs, flour, Yerba Mate, Ketchup, and anything we could find. As you notice by my face, it is better to be the non-graduate one in that moment. No one can avoid this, so I will be covered with all this stuff in 1 1/2 years."

## Christie Tanguay

[ Chrslie ]  
Undergrad - Albertus Magnus College, business management/ accounting. Grad - University of New Haven finance/strategy policy. "I worked as a travel agent throughout undergrad traveling around North America to the top tourist destinations writing hotel and restaurant surveys for an advertising company."

## Ryan Fairfax

[ TheFaxman ]  
Iowa State University  
Computer Science  
Fencing Club

## Dave Messinger

[ mess ]  
Trinity College  
Computer Science  
"I played center on the Flag Football team."

## Javier Fernandez-Ivern

[ ivern ]  
Eastern Washington University - Computer Science  
"We once took my dorm's entire entertainment budget and blew it on a big house with a hot tub and a weekend of snowboarding near it."

## Brett Bernstein

[ AdminBrett ]  
SUNY Binghamton University  
Computer Science  
"I played a lot of tennis throughout college."

## Myliza Sheehan

[ mylizaTC ]  
Capital Community College - Criminal Justice  
"I am going back to school after 14 years. I chose my current school because it has a diverse student base. I not only wanted to learn from the class material but from the student diversity and culture as well."

## Greg Paul

[ dok ]  
University of Connecticut  
Computer Science and Engineering  
"Greatest achievement: 30 minutes for a semester long course."

## MaryBeth Luce

[ mbnd96 ]  
University of Notre Dame - Accounting  
"I drank my very first beer (one of many, as it would turn out) with the Marines in ROTC."

## Mark Tong

[ mktong ]  
Stanford University  
Computer Science  
"I played on my school's College Bowl (quiz bowl) team, also serving as president one year."

## Tricia Laisi

[ tlaisi ]  
Northeastern University - Business, Rivier College - Communication Design  
"I had to apologize to the president of the Catholic college I went to because of the memorial to road kill installation I did on campus for my sculpture class."

## Jessie D'Amato Ford

[ jmpld40 ]  
Central Connecticut State University  
Communication and History  
"I had more fun during my one semester abroad in London, traveling all over Europe, than all of my college years combined."

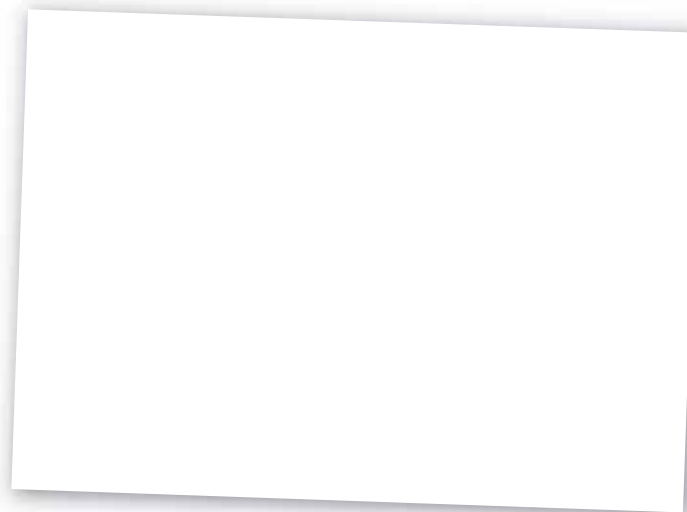
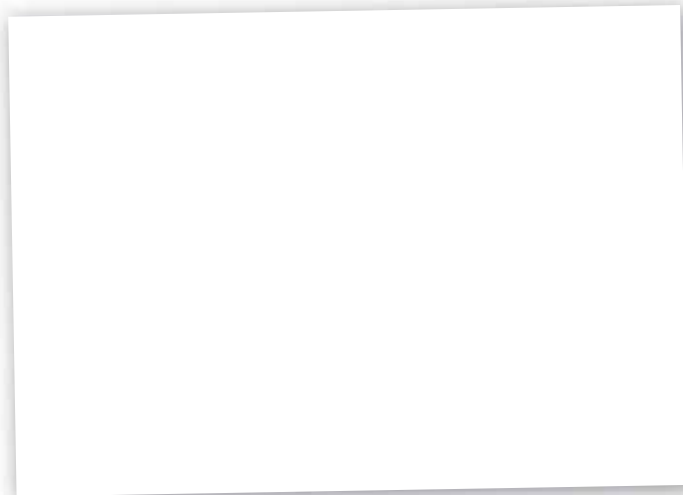
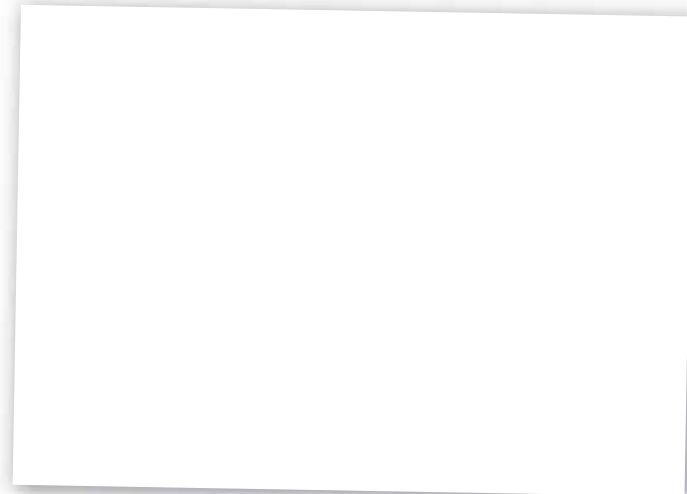
Admin

College

Days



My photos from the TCCCO6



# Opportunity

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