



TOURNAMENT PROGRAM

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Purdue CS is proud to host the
2008 TopCoder high school competition.



Founder's Message

Welcome to Purdue University and the 2008 TopCoder High School tournament. This is our second high school tournament and I'm pleased to say that the participation numbers have increased and so has the talent.

These forty-nine individuals competing have bested hundreds of high school students from all around the world. They are here to showcase their talent and make their country proud. We at TopCoder are thrilled to be part of their education and growth and hope that this tournament has assisted them in their quest for knowledge and their development in programming.

Being part of this prestigious event is a great honor for these competitors and we must thank their teachers, coaches and parents for supporting them in their studies and their attendance at the finals.

I would also like to thank Purdue University and their Computer Science department for hosting this event. We're thrilled to be a partner to such an esteemed university and hope the finalists appreciate all Purdue has to offer for this event and for future scholars.

Finally, I'd like to thank everyone at TopCoder for helping to get this event off the ground. Their dedication and hard work make these events what they are and we couldn't do it without them.

This final round of forty-nine competitors is definitely going to be an exciting one and we can't wait to see who comes out on top as our 2008 TopCoder High School Champion.

A handwritten signature in black ink that reads "John M. Hughes".

Jack Hughes

Founder, TopCoder, Inc.

Event Schedule

Friday, March 14, 2008

- 9:00 AM - 5:00 PM Registration & Hotel Check In
- 8:00 PM - 9:30 PM Welcome Reception

Saturday, March 15, 2008

- 8:00 AM - 9:00 AM Breakfast
- 9:30 AM - 10:00 AM Competitor Set-up Time
- 10:00 AM - Noon Championship Round
- 12:30 PM - 1:30 PM Lunch
- 1:30 PM - 2:30 PM Purdue Presentation
- 6:30 PM - 8:30 PM Awards Ceremony & Dinner
- 9:00 PM - 11:00 PM Bowling Tournament & Party

Sunday, March 16, 2008

- 8:00 AM - 3:00 PM Check Out & Departure



Rating: 1318 Country: Russia

Anton Bogatyy [A_Bogatyy] A_Bogatyy from Moscow, Russia has been studying programming for three years. His best achievements include a silver medal (32nd place) in an all-Russian Olympiad in Informatics and two silver medals (11th and 20th places) in an all-Russian teams Olympiad in Informatics, 2006 and 2007 years respectively. Outside of programming, A_Bogatyy likes computer games and football. A_Bogatyy has held 8 ratings with his current rating being the highest he's achieved. He ranks in the 77th percentile for high school coders and has an overall accuracy of 82% for the 17 problems he's submitted for Season 2 of TopCoder high school.



Rating: 2310 Country: China

Yang Yi [ahyangyi] ahyangyi is fond of computer science and received 2nd place in IOI 2007. His favorite hobby includes finding and doing interesting things. He likes the feeling of doing something completely new and unknown. A native of Wuhu City, Anhui Province, China, his handle ahyanghy breaks down to AH which is short for Anhui where he was born and lived for many years. It's followed by his full name Yang Yi. ahyangyi's highest rating was 2536 and he ranks in the 98th percentile of high school coders.



Rating: 1313 Country: Kazakhstan

Arman Yessenamanov [army] army is from Ekibastuz, Kazakhstan and likes spending most of his free time having fun with friends and also playing computer games. He would like to attend Saint Petersburg State University. Being a finalist in the TCHS08 is one of his biggest accomplishments. army has had a 95% accuracy rate during the season, correctly submitting 18 out of 19 problems.



Rating: 1354 Country: Croatia

Bruno Rahle [brahle] From Zagreb, Croatia, Brahle's favorite hobbies include making a mess of his room and playing football. For the TCHS finals, he plans to find the power stitch as his strategy. Accomplishments include an unofficial bronze on the IOI 2007 and National Champion in 2005. Brahle plans to attend FER, Zagreb. During the TCHS season, Brahle has had a 80% accuracy rate for submitted problems and ranks in the 80th percentile.





Rating: 1520 Country: Bulgaria

Petar Ivanov [cheater_no1] cheater_no1 hails from the small and quiet town of Shumen located on a beautiful plateau in the northern part of the country of Bulgaria. Some favorite hobbies include hiking, cycling, juggling, and cooking. He plans on studying computer science at Sofia University. cheater_no1 has had 45 ratings with 1619 being his best. He is in the 87th percentile among high school coders.



Rating: 1698 Country: Poland

Adam Karczmarz [dasko] dasko has been interested in programming for two years. His strategy for the finals is avoiding stress and getting nervous. dasko is from Stalowa Wola, Poland and his handle evolved from his real name, Adam. During the high school season, he has been successful in his challenges with an 81% rate winning 13 out of 16 challenges made. He is in the 93rd percentile.



Rating: 1430 Country: Poland

Maciej Andrejczuk [ertesh] ertesh grew up in Bialystok, Poland, and likes reading adventure books, listening to rock music and playing chess. He also enjoys sailing and scuba diving, and plans on attending Warsaw University. ertesh has a 94% accuracy rate for the 17 problems he's submitted throughout Season 2 of high school. He also has an 81% successful challenge rate.



Rating: 1623 Country: Bulgaria

Rumen Hristov [exod40] Hailing from Shumen, Bulgaria, exod40 likes chatting with friends and watching movies as his hobbies. He would like to attend university at MIT and being a finalist for the TCHS07 and TCHS08 are his best accomplishments. So far this TCHS season, exod40 ranks in the 92nd percentile and has an 82% successful challenge rate.



Rating: 1447 Country: Croatia

Filip Barl [fbarl] fbarl is a regular national level competitor in Informatics in his hometown of Zagreb, Croatia, where he is mostly in the top three for his grade. For hobbies, he has a wide interest of things. He likes playing most sports, reading books or just going out. fbarl is in the 85th percentile. During the season, he has had 12 ratings with 1495 being his highest.



Rating: 1109 Country: Bulgaria

Ivaylo Enchev [fiercedrake] fiercedrake is from Shumen, Bulgaria and his handle means a fierce dragon. Nothing can stop a fierce dragon. He likes to play basketball with his friends and his school's basketball team won the city's title this year. He has also won a National Mathematics and Informatics competition. fiercedrake has had 15 ratings with his most recent, 1109 being his best. Out of the 13 problems he's submitted, he has a 92% accuracy rate.



Rating: 2070 Country: Croatia

Filip Pavetic [fpavetic] The little town of Kriz, Croatia is where fpavetic was born. As a little boy, he loved to play hide and seek. No one was able to find him. He started practicing solving problems a few years ago. Since then he has competed in several competitions including IOI 2007, where he won a bronze medal and the TCHS07 where he placed second in the Individual category. fpavetic ranks in the 98th percentile for high school coders and his highest rating was 2144. Throughout this high school season he is 16 for 16 on correctly submitted problems.



Rating: 1589 Country: China

Ziheng Deng [GunnERs] GunnER's handle comes from the nickname of a leading English football team—Arsenal. He grew up in Zhongshan City in the Guangdong Province, China. He has been programming for seven years and is a member of Olympiad Informatics team of Guangdong Province. He also attended the 2007 National Olympiad in Informatics of China and was awarded a bronze medal. GunnERs has had 11 ratings with his most recent, 1589, being his highest. He ranks in the 91st percentile of high school students.



Rating: 2017 Country: Canada

Prashanth Guru [gurugan1] Gurugan1 is from Toronto, Canada and is just an average 18 year old. As for the finals, he plans on solving as many problems as he can, as fast as he can. Favorite hobbies include, reading novels, watching anime and biking. Gurugan1 plans to attend the University of Waterloo. During the season, gurugan1 ranked in the 97th percentile and held a 83% overall accuracy rate.





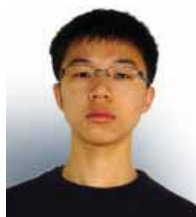
Rating: 1441 Country: Armenia

Hayk Saribekyan [**hayk.saribekyan**] hayk.saribekyan's strategy for the TCHS finals is to solve all three problems correctly and fast as possible. hayk.saribekyan is from Yerevan, Armenia. He holds an Armenia President's prize for the best high school student in Armenia in 2007. His favorite hobbies include playing the flute and astronomy. For the high school season, hayk.saribekyan has had an 85% overall accuracy for problems submitted.



Rating: 2015 Country: China

Yan Gu [**henryy**] henryy is from China and his handle was created from his admired football star Thierry Henry. He will be attending Tsinghua University in the future. henryy received a gold medal in NOI (China) 2007 and another in APIO. henryy ranks in the 97th percentile of high school students and has had an accuracy rate of 91% throughout the high school season.



Rating: 1252 Country: China

Sibo He [**hesibo**] hesibo is from Zhongshan, China. His handle is his name and his favorite hobby is football. hesibo has held seven ratings with his current rating, 1252, being his highest. During the high school season, he has had a 69% accuracy rate.



Rating: 1416 Country: Russia

Alexey Cherepanov [**Hornax**] Hornax's hobbies consist of music, volleyball, and reading fantasy and math literature. He'll be making the trip to the TCHS finals from his hometown of Stavropol, Russia and plans to have fun and win. Hornax has had a 91% accuracy rate for the duration of the high school season and he rates in the 82nd percentile.



Rating: 949 Country: Croatia

Igor Jerkovic [**igi**] igi is from Zagreb, Croatia. His primary hobbies are soccer and programming, of course. Most of the day he is playing soccer or can be found on the computer. He also likes listening to music. igi is a nickname which is a shorter version of his name, Igor. His strategy for the finals is to work slow but safe. Out of 17 problems submitted, igi has accurately completed 15 of them giving him an 88% accuracy rate.



Rating: 1367 Country: Croatia

Ivica Kicic [**ikicic**] From Zagreb, Croatia, ikicic thinks he'll be able to solve the first problem of the TCHS finals fast but for the second and third problems, he is not so sure. He will not try to open the third problem until he finishes the second one. His favorite hobbies are playing the guitar and programming. ikicic is in the 81st percentile of high school programmers with his highest rating being 1471 out of ten ratings. He was 14 for 14 for accurate problems during the season.



Rating: 960 Country: Poland

Michal Karpinski [**karpio**] karpio is from Jaslo, Poland. His strategy for the finals is to think and code as fast as he can. He plans to go to Jagiellonian University after school. karpio's hobbies include sports, music and girls. During the season, karpio has had 36 ratings with 1001 being his highest. He holds a 70% overall accuracy rate for 20 problems submitted.



Rating: 895 Country: Croatia

Frane Kurtovic [**kfrane**] kfrane is from Zagreb, Croatia and one of his favorite hobbies is watching TV. He plans to attend FER, University of Informatics Science. kfrane was fourth in the National Competition in Croatia and he also went to ACSL in the USA. During the TCHS season, kfrane has submitted 13 out of 16 problems accurately and he holds a 67% challenge success rate.



Rating: 2488 Country: China

Dong Zhou [**Loner**] From Wuhu City, China, Loner started to learn on computers when he was 8 years old. From then on, he has been addicted to them. He likes the charm of algorithms and often spends hours working on hard problems. He's won two gold medals in the China National Olympiad in Informatics and received 5th place in CTSC (China Team Selection Contest) last year. Loner is in the 99th percentile of high school coders. His highest rating of 2488 is also his current rating out of 27 different ratings he has had.





Rating: 945 Country: Croatia

Leo Osvald [losvald] losvald is from Zagreb, Croatia where he has many accomplishments in programming. His team won first place in 2006 and fourth place in 2007 on the ACSL (American Computer Science League). The important thing for the TCHS finals, he says, is to stay focused during the competition and to solve the problems in little time and without errors. losvald has had eight ratings throughout the season with 1399 being his highest. His overall accuracy is 75%.



Rating: 1806 Country: Poland

Maciej Klimek [maciejk] maciejk is from Gorzów Wielkopolski, Poland. One of his favorite hobbies is table tennis and he plans to attend Warsaw University. He has been a finalist in the Polish Olympiad in Informatics three times. During the high school season, maciejk has accurately solved 24 out of 26 problems. He is also eight for nine in challenges giving him a 89% successful challenge rate.



Rating: 1923 Country: Poland

Marcin Andrychowicz [marcina007] marcina007 has many hobbies, including IT, Math, Physics, table tennis, the game Go and playing the guitar. He lives in Grojec, Poland and has won two gold medals on IOI. marcina007 plans on attending Warsaw University. marcina007 attempted five challenges throughout the high school season and was successful four times. He ranks in the 96th percentile.



Rating: 1111 Country: Russia

Sergey Serebryakov [megaserg] megaserg is from Petrozavodsk, Russia and his strategy for the TCHS finals is coding like a machine, debugging like a bug hunter, and solving problems as fast as possible. He plans to attend Petrozavodsk State University. His greatest achievement is receiving his 3rd diploma from the Russian Olympiad in Informatics and he has close to 90 diplomas in different subjects. In this season, megaserg holds a 92% accuracy rate for problems submitted solving 12 out of 13 problems correctly.



Rating: 1579 Country: Poland

Miroslav Bogdanovic [miroslavb] miroslavb is from Belgrade, Serbia. His strategy for the finals is to do his best. miroslavb has won several prizes in national competitions, and qualified for the Serbian team for International Competitions in 2007. At those competitions he won a bronze medal at the 15th Balkan Olympiad in Informatics, and a bronze medal at the 19th International Olympiad in Informatics. miroslavb ranks in the 90th percentile among high school coders and his current rating of 1579 is his best out of his past 24 ratings.



Rating: 1664 Country: Poland

Mirosław Michalski [mirosuaf] Coming from Gdynia, Poland, mirosuaf has many hobbies such as canoeing, traveling, life-guarding, and of course his favorite, camel riding. He plans to attend Warsaw University and has a winning strategy in mind for the finals. mirosuaf is seven for seven with successful challenges attempted. He is in the 93rd percentile.



Rating: 1431 Country: Romania

Florian Moga [moga_florian] From Sacele, in the county of Brastov, Romania, moga_florian placed 2nd at the ACSL (American Computer Science League) in 2006 and also placed 1st in same competition in 2007. He also qualified for the National Olympiad of Informatics of Romania. His favorite hobby is playing the drums. His highest TopCoder rating is 1431 out of the past 10 ratings he's had this season. He ranks in the 82nd percentile.



Rating: 1560 Country: Bulgaria

Momchil Tomov [momtchil] momtchil is from Pleven, Bulgaria. His handle is his name written a bit mixed-up. His strategy for the TCHS finals is to never give up. momtchil ranks in the 89th percentile of high school coders and has an 88% accuracy rate submitting 15 out of 17 problems correctly throughout the high school season.





Rating: 806 Country: Mexico

Marcel Stockli Contreras [msc_nik] msc_nik plans to attend the Universidad de Guanajuato (FAMAT) near his home town of Guanajuato, Guanajuato, Mexico. He has won two silver medals at the National Informatics Contest and represented Mexico in 2007 at IOI. His hobbies include programming and video games. During the high school season, msc_nik has had an accuracy rate of 83%, solving 10 out of 12 problems correctly. His highest rating is 1163.



Rating: 1302 Country: Russia

Nikolay Kuznetsov [NALP] NALP is the bronze medalist of the Russian Saratov Regional programming competition. He likes programming and sports and would like to attend Saratov State University in the city of his hometown. NALP's highest rating out of his past eight ratings was 1355. He has had an 88% accuracy rate during the high school season.



Rating: 2317 Country: USA

Neal Wu [neal_wu] neal_wu is from Baton Rouge, Louisiana, USA. For the TCHS finals, he'll try to solve all the problems and gain some points during the challenge phase. neal_wu has been programming since the age of 13 or 14 and started learning algorithms a little more than a year ago, through the USACO (USA Computing Olympiad) online training pages and contests. A few months later he found out about TopCoder and began participating. Last year he attended the USACO Camp and the MOP (Math Olympiad Program) where he hopes to attend again this year. Out of 36 problems submitted during the season, neal_wu has accurately solved 35 with an accuracy rate of 97%. He is in the 99th percentile.



Rating: 1317 Country: Belarus

Mikita Belahlazau [Nikelandjelo] Nikelandjelo is from Minsk, Belarus and his strategy for the TCHS finals is to solve tasks and have fun. He also enjoys coding, reading and dancing. Nikelandjelo has taken part in the Belarus Republican Olympiad in Informatics and has received diplomas of three degrees. During the high school season, Nikelandjelo has accurately submitted 15 out of 20 problems. He has had seven ratings with highest being 1364.



Rating: 824 Country: Poland

Pawel Klimek [pawel001] From Radom, Poland, pawel001 enjoys watching movies. But during his free time he usually thinks about solutions to algorithmic problems and would like to attend Warsaw University. pawel001 has two out of three successful challenges during the high school season. Out of 24 problems submitted, he was accurate on 16 of them.



Rating: 1510 Country: USA

Nathan Watson [Quelloquialism] Quelloquialism is from Austin, Texas, USA and has a strategy for the TCHS finals. He says he's going to practice his speed by playing Minesweeper for several hours per day. Onsite he says he plans to press the buttons on the keyboard REALLY fast and hope that whatever he types happens to be correct. His most noteworthy accomplishment is qualifying for this tournament and he loves sleeping. Quelloquialism is in the 87th percentile of high school coders. His highest rating is 1695 and during the season has had an 81% overall accuracy rate.



Rating: 1525 Country: Poland

Marek Rogala [rogrog] rogrog's greatest accomplishment includes a bronze medal from the XIV Polish Olympiad in Informatics and a silver medal from the 2007 Baltic Olympiad in Informatics. He would have never made those achievements without the help of those nearest and dearest to him, especially his father. rogrog is from Gdansk, Poland and wishes to attend Warsaw University. rogrog has accurately submitted 22 out of 27 problems and he ranks in the 88th percentile among high school coders.



Rating: 759 Country: India

Vidya Sagar [s4sagar] s4sagar likes to watch movies in his hometown of Chennai, India. He plans to attend the Indian Institute of Technology, the National Institute of Technology, or the National University of Singapore when he is finished with high school. s4sagar has an 86% success rate by being correct on 22 out of 25 problems submitted during the season. There have been 9 challenges made on his submissions and he has defended 8 of them giving him an 80% defense success rate.





Rating: 1575 Country: Canada

Jonathan Schneider [sajninredoc] sajninredoc is from Toronto, Canada. If you read his handle backwards you'll understand its meaning. Aside from math and computer science, sajninredoc enjoys reading science fiction/fantasy, playing video games and solving word puzzles. He has participated in a lot of math competitions and last year came in second place in the Canadian Mathematical Olympiad and was also on the Canadian IMO team. sajninredoc has had nine ratings with his current one, 1575, being his highest during the season. He is in the 89th percentile of high school coders.



Rating: 1576 Country: Russia

Sergey Melnikov [smel] smel hails from Vologda, Russia and hopes to attend Saint-Petersburg State University of Information Technology, Mechanics and Optics. Twice smel received a diploma in the Russian Olympiad in Informatics and his team received the bronze medal in the Russian Team School Olympiad in Programming. smel is in the 90th percentile of high school coders and has had a 71% success rate for correct problems.



Rating: 1940 Country: USA

Spencer Liang [spencer] spencer is from Cupertino, California, USA and his strategy for the TCHS Finals is to solve all the problems quickly and accurately. He plans on attending MIT and his favorite hobby is watching movies. spencer is in the 97th percentile, holds a 96% accuracy rate from within the season and has successfully defended three out of three challenges against him.



Rating: 1454 Country: Hungary

Szilveszter Szebeni [SZSZ] szsz hails from Budaors, Hungary and considers himself a real competitor. He participates in virtually every competition he can. In algorithms, he achieved third place in the 2007 Microsoft Imagine Cup. He plans to attend Budapest University of Technology and Economics. During the season, szsz accurately submitted 17 out of 21 problems. He has reached 21 different ratings with 1527 being his highest.



Rating: 1862 Country: Canada

Hanson Wang [v3ctor] V3ctor's hobbies includes programming, playing video games and the piano. He lives in Toronto, Canada and plans on attending the University of Waterloo. His strategy for the finals is to practice but is mostly hoping luck will be on his side. v3ctor is in the 95th percentile among high school coders and has had an 87% overall accuracy rate during the season.



Rating: 1585 Country: Russia

Valentin Fondaratov [valich] valich's strategy for the finals is veni, vedi, vici. Coming from St. Petersburg, Russia his handle is also his daily nickname. His hobbies include football, skiing, and playing the guitar. valich has had 17 ratings through the season and his current rating, 1585 is his highest. He ranks in the 91st percentile and holds an 87% accuracy rate for successful problems.



Rating: 1081 Country: Georgia

Levan Varamashvili [varlevani] varlevani is from Tbilisi, Georgia and plans on attending Tbilisi State University. His hobbies include traveling to the mountains and reading books. He has won the Georgian Republic Olympiads in Mathematics and Programming many times and has participated in the 2007 IMO and IOI.



Rating: 1729 Country: China

Ye Wang [wangye] wangye is from Wuhu, China. Her hobbies include reading, using computers, painting and talking. She plans on attending Tsinghua University. For the National Olympiad in Informatics, she received third place and won the silver medal in Croatia for the 2007 IOI. wangye is three out of four for successful challenges, ranks in the 94th percentile, and her current rating of 1729 is also her highest.





Rating: 1317 Country: USA

Wenyu Cao [wcao] wcao is from Belle Mead, New Jersey, USA and his favorite hobby is ping-pong. He would like to attend Harvard, MIT or Princeton. He is currently in the USACO Gold division and just started programming this year. Wcao has an 80% overall accuracy with problems submitted and his current rating is his highest.



Rating: 1358 Country: Russia

Timur Valiev [Zloi] Hailing from Kazan, Russia, Zloi's handle means "Zloi is angry". His hobbies include snowboarding, football, and hockey. He plans on attending Moscow or St. Petersburg State University. Zloi is 13 for 13 for accurate problems solved throughout this season. He has had 6 different ratings and 1358 is his highest.



Rating: 2365 Country: Croatia

Goran Zuzic [Zuza] From the capital of Croatia, Zagreb, Zuzic has had many coding accomplishments including the gold medal at IOI in 2007 and the CEOI in 2006. His favorite hobbies include sailing, bicycle riding, playing the guitar, going out, playing games, programming and anything else teenagers like. As for attending university, he has not decided and he says his decision could be "exotic". Zuzic is in the 99th percentile and has a 100% rate of overall accuracy for 24 submitted problems.



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