

Yuehang Chen

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Basic Info

Name: CHEN Yuehang

Age: 23(1992-8-17)

Expected Graduation time: 2016-6

Education

School of Mechatronics, UESTC

Got Bachelor Degree in 2013, pursuing Master Degree

Chengdu

2009–now

Experience

Programming Contests.....

ACM-ICPC World Finals

Finalist

- ACM-ICPC is the best-known computer programming contest all over the world. I've been to the world finals as a participant twice in 2013 and 2014. In 2014, our team ranks 13th place over 122 teams selected from regionals.

External Online Programming Contest

User ID as kennethsnow

- Topcoder Algorithm Competitions. With rating 2393(max rating 2414), ranking 178 of 9963(till 2014/7/17), I've developed efficient coding skills and the ability of bug-checking.
- Codeforces. Hosted by Saratov State University, Codeforces is the largest online contest in Russia. I've got a rating as 2321(max rating 2335), ranking of 175 of more than 40000 participants(till 2014/7/17), and currently I'm the highest-rated student in my school.

Onsite Programming Contest

Competitors

- "Beauty of Programming" hosted by Microsoft. It is an annual programming contest in China, I've got 2nd place in semi-finals, thus advancing the finals as other 49 participants.

School Works.....

UESTC ACM-ICPC Team

Team member

School of Mathematical Sciences, UESTC

2010-2014

- Learning numerous algorithms and data structures. Gaining experiences in solving searching and some computing geometry related problems.
- Learned to think well under pressure. Since the contest require solving 10+ problems in 5 hours.
- Team consists of 3 students. I often provide nice ideas, and help fix bugs by checking code by hand. I can code easy-medium problems quickly during the first two hours, and solve some long problems in the rest time.

UESTC Programming Contest

School of Mathematical Sciences, UESTC

Judge and Problem Writer

2012–2014

- I have been preparing problems for the 10th, 11th, and 12th UESTC Programming Contest for 3 years, setting a new record in history. Problems from UESTC Programming contests are regarded as the highest quality problems in Sichuan Province. Also as a judge, I'm responsible for setting different awards to all participants.

The 5th Sichuan Programming Contest

Chengdu, China

Judge and Problem Tester

2013.6

- I write solutions to specific problems and prepare test data for the contest.

Miscellaneous.....

A Simple Control System Built with MATLAB

Optimizing Control Theory Research

2014

- While pursuing Master's Degree, I developed a control system using MATLAB and C for analysing lithium-ion battery's parameters using data-fitting algorithms and estimating battery's State-of-Charge online using Kalman Filters and H_∞ Filters, which involves optimization algorithms and matrix operations.

Awards

ACM-ICPC.....

13th Place

Ekaterinburg, Russia

The 38th ACM-ICPC World Finals

2014.6

48th Place

St. Petersburg, Russia

The 37th ACM-ICPC World Finals

2013.6

Gold Medal, 2nd Place

Nanjing, China

The 38th ACM-ICPC Asia Regional Contest Nanjing Site 2013

2013.10

Four more Gold Medals and One Silver Medal

Shanghai, Tianjin, etc, China

The 36th, 37th and 38th ACM-ICPC Asia Regional Contest

2011–2013

Besides Nanjing, I've got 4 more gold medals in Shanghai, Tianjin, Chengdu and Changsha, also a silver medal in Chengdu, 2011.

Champion

Chengdu, China

The 4th Sichuan Programming Contest

2012

Skill

Languages skills.....

English: CET band 6

Outstanding with a score as 613

Programming skills.....

OS: Linux(Ubuntu), Windows 7

Languages: C, C++, Java, Python, with other languages including MATLAB and \LaTeX

Self-assessment.....

Strong Self-learning Ability: The ability to quickly read papers and get its key idea.

Teamwork: During programming contest, I have rich experience as being in a team