Yun Hao (郝运)

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D.O.B. - 10/27/1990
Nationality - Chinese

Profile

An undergraduate majoring in *Mathematics and Applied Mathematics* at Xi'an Jiaotong University (XJTU). Keen on pure Mathematics, especially fields that are analysis and geometry related. With proficient computer skills. Able to work initiatively and independently or as a member of a team, and with excellent leadership.

Education

2009.8--present   **Bachelor of Science (expected)**, Xi'an Jiaotong University (XJTU), Xi'an, China.
I'm in the *China's Top-Notch Students Training Program*, majoring in *Mathematics and Applied Mathematics*. GPA: overall *3.52/4.00* and major *3.72/4.00*.

2009.6   **National Higher Education Entrance Examination**.
Grades: Chinese 119/150, Mathematics 137/150, English 145/150 and Science subjects (Biology, Physics and Chemistry) 258/300. I was in the top 500 among almost 1 million candidates in Henan, China.

2005.8--2008.6   **High School Diploma**, Henan Experimental High School, Zhengzhou, China.
All subjects, including Chinese, Mathematics, English, Physics, Chemistry, Biology, History, Geometry and Politics, are graded *A* (90+/100).

Experience

Research Experience

2011.6--2011.8   **Summer School**, XJTU, Xi'an, China.
- Supervisor: Prof. Hongbin Chen
- Project Name: Symmetric Solutions of 2ed Order PDEs using Moving Plane Method

2010.6--2010.8   **Research Experience for Undergraduate Students (The REU Program)**, The University of Iowa (UI), Iowa City, IA, USA.
- Supervisor: Prof. Laurent O. Jay
- Project Name: Numerical Methods for DAEs: the Generalized-α Method

Academic Leadership

2010.12--present   **Mathematical Seminars for Undergraduates**, XJTU, Xi'an, China.
I am the organizer of this academic activity for students. We study some advanced courses on pure mathematics, say differential geometry and abstract algebra, discuss some mathematical problems, exchange ideas, and give reports regularly.

Teaching Assistant

2012.2--present	**Real Analysis**, XJTU, Xi'an, China. My job is to evaluate students' work.
2011.8--2012.1	**Functional Analysis**, XJTU, Xi'an, China.

Part-time Job

2010.9--2011.1	**Private Tutor**.
2010.2--2010.6	I coached a high school student in his mathematics, physics, chemistry, biology and English.

Languages

Chinese	**Native speaker**	*My mother tongue*
English	**Fluent in daily and academic communication.**	*CET 4: 601, CET 6: 540*
French	**Beginner**	*Start learning from this year*

Honors & Awards

Mathematics Modeling

2011.3	**Meritorious Winner**, Mathematical Contest in Modeling(MCM), the Consortium for Mathematics and Its Applications (COMAP).

Scholarship

2011	**Siyuan Scholarship**, XJTU, Xi'an, China.
2010	**Siyuan Scholarship**, XJTU, Xi'an, China.

Computer Skills

Math. Software	Good at MATLAB, using Maple and Mathematica occasionally, with basic knowledge of Scilab, Octave, Sage, etc.
Office	Proficient in LaTeX and skillful in MS Word, Excel and PowerPoint
System	Using Linux (Fedora) as everyday working platform and MS Windows alternatively
Programming	C, GNU BASH, etc.
Misc.	gnuplot, vim, git, etc.

Interests

TeX/LaTeX	I am an active user and enthusiastic promoter of TeX/LaTeX in the Chinese TeX community. I wrote a tutorial *Beginner's guide to XeLaTeX and WinEdt* (in Chinese) and it's widespread and highly appreciated.
Reading	I read extensively, involving science and literature.
Open-Source	I participate in the Open-Source community, like TeX, Wikipedia, Fedora and so on.