

Jincheng Yang

CONTACT INFORMATION	School of Mathematics and Statistics Xi'an Jiaotong University Xi'an, Shaanxi 710049 China	Voice: (+86) 177-7162-1189 E-mail: yangjincheng@stu.xjtu.edu.cn Website: http://jincheng.strikingly.com
RESEARCH INTERESTS	Analysis, Partial Differential Equations, Fluid Mechanics. Visualized Computer Programming.	
EDUCATION	Xi'an Jiaotong University (XJTU) , Xi'an, Shaanxi China	
	B.S. (expected June 2017) Mathematics and Applied Mathematics (Elite Class) Overall GPA: 94.7/100 Major GPA: 96.0/100	Aug. 2013 - Present
	Columbia University in the City of New York , New York City, New York USA	
	Non-degree Visiting Undergraduate Student Overall GPA: 4.165/4.33 Major GPA: 4.165/4.33	Jan. 2015 - May 2015
	Georgia Institute of Technology , Atlanta, Georgia USA	
	Non-degree School of Mathematics and Language Institute Visiting Honors Student Program Language GPA: 4.33/4.33 Major GPA: 4.0/4.33	Jan. 2016 - May 2016
HONORS AND AWARDS	National Second Prize in CUMCM (Contemporary Undergraduate Mathematical Contest in Modeling) 2014 First Everest Research Scholarship , only 6 students in math major are awarded by XJTU 2014 Microsoft Scholarship for Young Scholar , only 36 students in China are awarded by Microsoft Research - Asia 2015 National Scholarship , top 1% students, awarded by Ministry of Education, China 2016 Pacemaker to Outstanding Student , highest honor for undergraduates, 10 students are awarded by XJTU 2016	
STANDARDIZED TESTS	<ul style="list-style-type: none">• GRE General: 322 (V152, Q170, W3.5)• GRE Subject (Mathematics): 910 (99% Below)• TOEFL iBT: 109 (R29, L29, S24, W27)	Dec. 6, 2015 Apr. 16, 2016 Apr. 22, 2016
ACADEMIC EXPERIENCE	Xi'an Jiaotong University , Xi'an, Shaanxi China	
	<i>Programmer/Writer</i> Includes programming and editing a college-level textbook which applies RAPTOR language in algorithm courses for non-cs major students.	May 2013 - Sept. 2014
	<i>Research Trainee</i> Includes reading and discussing <i>Singular Integrals and Differentiability Properties of Functions</i> by Elias M. Stein led by Dongsheng Li.	July 2015 - Sept. 2015
	<i>Teaching Assistant</i> Duties includes administrative responsibilities and oral translation for a course taught by Dan G. Sykes from Pennsylvania State University.	June 2016

Columbia University in the City of New York, New York City, New York USA

Research Trainee

Jan. 2015 - May 2015

Includes reading and discussing *Partial Differential Equations* by Lawrence C. Evans led by Ovidiu Savin.

Georgia Institute of Technology, Atlanta, Georgia USA

Researcher

Jan. 2016 - Oct. 2016

Research includes studying the effect of density variation of fluids on the linear inviscid damping of Couette flow with Zhiwu Lin.

Visiting Research Student

Feb. 2017 - Present

Research includes studying the linear inviscid damping of stratified Couette flow in various boundary conditions with Zhiwu Lin.

PUBLICATIONS Xie, T., Cheng, X. and Yang, J. (2014). RAPTOR Program Designing Tutorial. Beijing: Tsinghua University Press.

PAPER IN PREPARATION Yang, J. and Lin, Z. (2016) *Linear Inviscid Damping for Couette Flow in a Stratified Fluid*, submitted, arXiv:1610.08924.

COMPUTER SKILLS

- Math-related: Matlab, Mathematica, \LaTeX
- Programming: Java, C++, Processing, RAPTOR
- Other: Audio and Video editing, Website and Publication Layout Design.