

██████████ **Jiang**

Blacksburg, VA, 24060

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Educational Background

Virginia Tech

Blacksburg, VA, 08/2017-Present

Ph.D. in Pure Mathematics

Core courses: Abstract Algebra, Real analysis, Differential geometry, Lie group, Complex analysis, Algebraic geometry and Riemann Geometry.

Brandeis University

Waltham, MA, 09/2014-05/2016

Master of Science in Mathematics

- Core courses: Analysis, Algebra, Algebraic number theory, Topology, Algebraic geometry, Lie algebra, Complex algebraic geometry, Geometric analysis, Representation of quivers, Hopf algebra and quantum group

Kansas State University

Manhattan, KS, 09/2010-05/2014

Bachelor of Science in Mathematics & Physics (Dual Major)

Core courses (Math and physics): Real analysis, Linear algebra, Number theory, Differential geometry, Complex function, Abstract Algebra, Topology, Mechanics, Thermo-statistics, Quantum Mechanics, Physics lab, Electromagnetic, Optics, Astrophysics

Programming Skills

- Programming: Java, C#, SAS,
- Data Analysis: linear Regression, R.

Professional Working Experiences

▪ Consultant at I██████████ Education Group

Qingdao, Shandong

05/2017---Current

- Primarily responsible for applying the masters, Ph.D. for clients, including writing the essays, selecting schools, communicate with professors, etc.
- Ten years were living in America help me provide integrated services for all the university applicants, including GRE/GMAT/SAT tutoring, interview experience, communication skills with professors.
- With my strongest strength to using the big data/analysis skills run by the computer to help me craft the best-matched schools for the application candidates.
- Provided follow up services for the students regarding any job searching, interview preparation, Mock interview for internship/job, career advice and long-term professional development, networking skills in the United States

▪ **Advanced Math Tutor at Summit Educational Group**

Newton, MA(Headquarter)

01/2017---05/2017

- Summit Educational Group was founded in 1988 and has become one of the most successful and well-respected tutoring companies in the country. Summit's customized One-on-One, In-Home Tutoring services help students prepare for the SAT, ACT, PSAT, SAT Subject Tests, SSAT, ISEE, and even academic subjects.
- Provided quality one-on-one tutoring to students aged high school through college students advance math ACT/SAT prep, and SSAT/ISEE prep.

▪ **Math Competitor Director at Mathnasium**

Acton, MA 11/2016-05/2017

- Mathnasium was founded in 2002 and has developed across the United States, Canada, even for 10 international location across the world.
- Responsible for the national math competition (Math Kangaroo, AMC 8 through 12, AIME and USAMO)
- Customized tutoring and instructional approaches to meet of diverse client populations. Helped design the math competition teaching materials and customized the weekly problems set for students to boost their score.
- Suggested the Director and guided students in test-taking strategies, notetaking, prioritizing assignments and studying for competitions.

Research & Teaching Experiences:

▪ **Instructor for Calculus III at Virginia Tech**

01/2018---02/2018

- Prepared and presented lessons that enable students to learn the math skills
- Developed and maintained a comfortable and orderly classroom atmosphere that will promote and support leaning
- Helped students master technology such as calculators, programming

▪ **Course Assistant for Probability& Statistics at Brandeis University**

08/---12/2015

- Supported the professor in managing students' homework and lecture questions; and explained the probabilities and statistic theories to students.
- Carried out the examination review tutorials and helped with the statistic programming practical teaching.
- Responsible to marks of students' problem sets and exams and carried out the students 'questionnaires of lecture evaluation.

▪ **CA, Math 20A-Calculus 3**

08/2014---12/2014

- Assisted professor in conducting weekly review sections and prepared the lecture material and notes for students

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- Practiced up on lecture notes preparation and marks of problem sets and carried out operation of students' group activities.
- **Mathematics & Physics Tutor at Kansas State University** 03/2013---05/2014
 - Designed and developed teaching materials and effectively planned lectures in a fun and creative ways.
 - Guide students to explore mathematics and physics and facilities their practice learning.
 - Participated in the monitoring the overall progress of students' learning and provided personalized one-to-one tutor as required.

Conference Participation

- 2014 JDG Conference of Geometry and Topology: Harvard University
- 2014 CDM Current Developments in Mathematics: Harvard University.

Honors and Awards

- Two Consecutive Sessions of Merit-Based Scholarships and Need-Based Scholarship, Brandeis University (09/2014-/05/2016)
- Curnutte (Basil and Mary) Scholarship, Kansas State University (09/2012--05/2014)
- Physics Scholarship, Kansas State University (09/2011 -- 05/2013)
- 2th Place of Kansas State University International Basketball Competition (2013)