Yuanqing (Kai) Xiao

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EDUCATION

Massachusetts Institute of Technology <div align="right">Cambridge, MA</div>
Candidate for B.S. Degree in Computer Science and Mathematics; GPA: 5.0/5.0 <div align="right">2013-2017</div>
Coursework: Software Construction, Algorithms I and II, Advanced Algorithms, Computer and Network Security

Bellarmine College Preparatory <div align="right">San Jose, CA</div>
GPA: 4.0/4.0; SAT: 2400 <div align="right">2009-2013</div>

WORK EXPERIENCE

D.E. Shaw & Co. <div align="right">New York, NY</div>
Quantitative Analyst / Software Development Intern <div align="right">Summer 2015 (future)</div>

A9 (Product Search Team) <div align="right">Palo Alto, CA</div>
Software Development Engineer Intern <div align="right">Summer 2014</div>
- Worked with Apache Hadoop and Apache Pig to perform map-reduce tasks
- Generated and logged statistical metrics related to Amazon's product search rankings
- Mined Twitter data for trending music and showed related items available on Amazon (side project)

Jane Street Capital <div align="right">New York City, NY</div>
Assistant Trader <div align="right">January 2014</div>
- Modeled stock market behavior through analysis of historical and recent financial data

Stanford University Chemistry Department; Bianxiao Cui, Ph.D. <div align="right">Stanford, CA</div>
Data Analysis Intern <div align="right">July-Aug. 2012</div>
- Processed images of protein movement across axons; traced curves in images using MATLAB program
- Improved functionality of MATLAB curve-tracing program after learning the language from scratch
  by implementing new functions to select, join, or split previously traced curves and to reopen saved files

LEADERSHIP EXPERIENCE

MIT TechX
Director of Corporate Relations <div align="right">2014-Present</div>
- Leader of student committee that communicates with companies to sponsor and exhibit their technologies at
  MIT's annual Techfair
- Works with other executive board members to run events that expose MIT students to cool technology

Bellarmine Math Club
President <div align="right">2011-2013</div>
- Organized meetings, informed members of opportunities to learn math, and taught problem solving lessons
- Planned and executed events such as participating in math competitions and meetings with other math clubs

ACTIVITIES & AWARDS

UChicago Midwest Trading Competition 2014 First Place <div align="right">March 2014</div>
- Wrote algorithms to perform high frequency trading with delayed order information in a simulation

PennApps 2014 Nexmo API Award <div align="right">February 2014</div>
- Worked on front-end (Twitter bootstrap) for award-winning educational web app

Problem Committee for Harvard MIT Math Tournament <div align="right">2013-Present</div>
- Prepares and proofreads problems and solutions for annual high school math tournament

Math and Science Olympiads <div align="right">2009-2013</div>
- Qualified 4 times for USA Math Olympiad; Ranked top 24 in the nation out of over 100,000 in 2012
- Attended Math Olympiad Summer Program 2 times; top 50 students on the USA Math Olympiad are invited
- Gold Division of USA Computing Olympiad

Speech and Debate Team <div align="right">2009-2013</div>
- Active team member in Policy Debate and Original Oratory speaking

Junior Varsity Cross Country Runner <div align="right">2010-2012</div>

SKILLS & INTERESTS

- Languages: English, Mandarin
- Computer Programming: Java, Python, MATLAB, Hadoop, Git, Pig
- Interests: MIT Dance Troupe, Ultimate Frisbee, Basketball, Piano, Alpine Skiing, Pi Lambda Phi Fraternity