

Qiao Zhang

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Education

- 2013 - present **University of Washington**, Seattle, WA, USA
Ph.D candidate in **Computer Science**
- 2009 - 2013 **Williams College**, Williamstown, MA, USA
B.A. with *summa cum laude* in **Computer Science** and **Physics**
GPA: 3.99/4.0
General GRE: Verbal 166/170 Math 169/170 Writing 5/6; Physics GRE: 990/990
- 2011 - 2012 **California Institute of Technology**, Pasadena, CA, USA
Visiting student during junior year
GPA: 4.0/4.0
- 2006 - 2008 **Raffles Junior College**, Singapore
GPA: 4.0/4.0 (SAT: Verbal 800, Math 790, Writing 710)
Singapore-Cambridge GCE O-Levels: National Top Scorer with 10 A1s

Honors and Awards

- 2013 **Sigma Xi Associate Membership**, the Scientific Research Society
- 2013 **Honor in Physics**, in recognition of excellent undergraduate thesis in physics
- 2013 **Honorable Mention**, the Mathematical Contest in Modeling, COMAP, USA
- 2012 **Phi Beta Kappa**, top 5% by cumulative GPA at the end of junior year
- 2008 **Silver Medal**, National Mathematics Olympiad (Singapore)
- 2008 **Bronze Medal**, National Chemistry Olympiad (Singapore)
- 2007 **Bronze Medal**, National Physics Olympiad (Singapore)

Experience

- 2012 Fall **Physics Department**, Williams College – **Teaching Assistant**
– Assisted professor in grading homework for PHYS 411 tutorial and PHYS 302
- 2010 and 2012 **Physics Department**, Williams College – **Summer Research Assistant**
– Designed efficient qudit implementation of Quantum Fourier Transform (Senior Thesis)
– Developed techniques and MATLAB programs to visualize the evolution of quantum states in hypercube networks
- 2011 **Cogo Labs**, Cambridge – **Software Engineering Intern**
– Developed the backend data analysis software tools and web interface in Python
- 2009 - 2012 **Williams Students Online**, the student-run campus website – **President, 2012-2013**
– Performed system administration and maintenance
– Oversaw web and iOS application development
- 2006 - 2008 **Robotics Club**, the student-run robotics club – **President, 2007-2008**
– Champion in the National VEX Robotics Tournament

Programming Languages

- Fluent in **Python**, **C/C++**, **Java**, **R**, **Mathematica**, and **MATLAB**