

# Josh Chen

2808 Frist Ctr, Princeton, NJ 08544  
(408) 728-0284  
joshchen@princeton.edu

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EDUCATION	<p><u>Princeton University</u>, Princeton, NJ June 2014 <i>Intended major:</i> Bachelor's of Science in Engineering, Computer Science <i>Intended certificates:</i> Applied and Computational Mathematics, Values and Public Life <i>Coursework:</i> Algorithms and Data Structures, Probability and Stochastics, Introduction to Programming Systems, 4-course Integrated Science, Constitutional Interpretation <i>GPA:</i> 3.75/4.0</p> <p><u>Evergreen Valley High School</u>, San Jose, CA June 2010 <i>GPA:</i> 4.0/4.0 (valedictorian)</p>
SKILLS	<p>Intermediate: Python, Java, Django, Bash, MATLAB Familiar: HTML/CSS/Javascript/JQuery, MySQL, Google AppEngine, C, IA-32 assembly Languages: Mandarin Chinese, conversational Spanish</p>
EXPERIENCE	<p><u>Princeton University Undergraduate Student Government</u>, Princeton, NJ Feb 2012 - Feb 2013 IT Chair, app developer/manager</p> <ul style="list-style-type: none"><li>• Leading a committee of 5 students for the development, integration, and maintenance of web apps for Princeton undergraduates on tigerapps.com</li><li>• Responsible for creating the technological vision of, and for presenting technical concepts to, the undergraduate student government</li></ul> <p><u>Self-employed (ivyconquest.com)</u>, Princeton, NJ Oct 2011 - Feb 2012 Web developer/manager</p> <ul style="list-style-type: none"><li>• Leading a team of 3 students to build a website for an Irvine, CA tutoring company</li><li>• Developing Django-based backend on Google AppEngine: student and tutor accounts, content upload/edit by non-technical staff, and e-commerce capabilities</li></ul> <p><u>BloomReach</u>, Mountain View, CA Summer 2011 Technical Intern</p> <ul style="list-style-type: none"><li>• Developed monitoring, analytics, database, scrape and parse, and product testing tools that continue to be used by both technical and non-technical staff today</li><li>• Configured customers for product launches, gaining exposure to Amazon EC2 and Hadoop</li></ul> <p><u>UC San Francisco, Biomedical Mass Spectrometry Facility</u>, San Francisco, CA Summer 2009 Research Intern</p> <ul style="list-style-type: none"><li>• Developed pattern-recognition algorithm to automate a previously manual process of deconvoluting low-signal raw mass-charge data of phosphorylated peptides to mass data</li><li>• Recognized as semifinalist in the 2009 Siemens Science Competition</li></ul>
HONORS	<p>USA Math Olympiad qualifier (first at high school), 2010 Semifinalist, Siemens Competition in Math, Science and Technology, 2009 Semifinalist, US Presidential Scholars Program, 2010 National Merit Scholar and SAT score of 2400, 2010 Nominated for Princeton Quin Morton Writing Seminar Essay Prize, 2011</p>
OTHER ACTIVITIES	<p><i>Civic service:</i> Member of Engineers without Borders, Peru development team (2011-); Adult ESL Teacher at El Centro Trenton (2011-12); Selected for Sustainable Engineering and Development Scholars seminars (2010-11) <i>Athletic:</i> Member of Club Volleyball and Club Cycling, 2011- <i>High School:</i> President of Math Club; manager of web development team for high school's website; pianist/cellist in high school orchestra</p>

