Josh Chen

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

EDUCATION	**Princeton University**, Princeton, NJ June 2014

EDUCATION

Princeton University, Princeton, NJ   June 2014
Intended major: Bachelor's of Science in Engineering, Computer Science
Intended certificates: Applied and Computational Mathematics, Values and Public Life
Coursework: Algorithms and Data Structures, Probability and Stochastics, Introduction to
     Programming Systems, 4-course Integrated Science, Constitutional Interpretation
GPA: 3.74/4.0

Evergreen Valley High School, San Jose, CA   June 2010
GPA: 4.0/4.0 (valedictorian)

SKILLS

Intermediate: Python, Java, Django, Bash, MATLAB
Familiar: HTML/CSS/Javascript/JQuery, MySQL, Google AppEngine, C, IA-32 assembly
Languages: Mandarin Chinese, conversational Spanish

EXPERIENCE

Princeton University Undergraduate Student Government   Feb 2012 - Feb 2013
IT Chair, app developer/manager   Princeton, NJ
- Leading a committee of 5 students for the development, integration, and maintenance of web apps for Princeton undergraduates on tigerapps.com
- Responsible for creating the technological vision of, and for presenting technical concepts to, the undergraduate student government

Self-employed (ivyconquest.com)   Oct 2011 - Feb 2012
Web developer/manager   Princeton, NJ
- Leading a team of 3 students to build a website for an Irvine, CA tutoring company
- Developing Django-based backend on Google AppEngine: student and tutor accounts, content upload/edit by non-technical staff, and e-commerce capabilities

BloomReach   Summer 2011
Technical Intern   Mountain View, CA
- Developed monitoring, analytics, database, scrape and parse, and product testing tools that continue to be used by both technical and non-technical staff today
- Configured customers for product launches, gaining exposure to Amazon EC2 and Hadoop

UC San Francisco, Biomedical Mass Spectrometry Facility   Summer 2009
Research Intern   San Francisco, CA
- Developed pattern-recognition algorithm to automate a previously manual process of deconvoluting low-signal raw mass-charge data of phosphorylated peptides to mass data
- Recognized as semifinalist in the 2009 Siemens Science Competition

HONORS

USA Math Olympiad qualifier (first ever 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's Quin Morton '36 Writing Seminar Essay Prize, 2011

OTHER ACTIVITIES

Civic service: 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)
Athletic: Member of Club Volleyball and Club Cycling, 2011-
High School: President of Math Club; manager of web development team for high school's website; pianist/cellist in high school orchestra