

Andrew Fang

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EDUCATION

University of California, Berkeley | Expected Graduation May 2015

GPA: 3.76/4.00

Double Major: Electrical Engineering and Computer Science, Bachelor of Science and Applied Mathematics, Bachelor of Arts

Honors: Regents' and Chancellor's Scholar, Cal Alumni Association Leadership Award, Edison International Scholar

INDUSTRY EXPERIENCE

Symantec

May 2013 – August 2013

Software Engineering Intern, Quality Assurance, Remediation and Workflow Team on Data Loss Prevention product

- Tested an enterprise security product across multiple platforms in virtual environments using VMware
- Scripted automation tests for the Flex Response API plugin in ACT using the Eclipse IDE and Perforce version control
- Developed test automation framework for Selenium-based JUnit tests in Java
- Worked in an Agile and Scrum team environment with daily and monthly iteration planning meetings

Google Android Camp

June 2013

Camp Participant

- Created an Android Application game and won first place by implementing touchscreen gesture detection, accelerometer motion detection, audio notifications, a timer, and SQLite local high score storage
- Voyaged through the development process by specifying functional requirements, mockups, and user interface flows
- Coded the product using Java and XML in the Android Studio IDE
- Led a team of five, collaborated using the Git version control system hosted on Google Code

TECHNICAL SKILLS

- Languages: Proficient in Java, Python, Javascript/JQuery; Familiar with C, Scheme
- Web Tools: HTML, CSS, XML
- Operating Systems: Unix, Mac, Windows
- Adobe: Photoshop, Fireworks, Premiere Pro

PROJECTS

- [Andrewbfang.com](#) (jQuery/HTML/CSS), [Bop with Friends](#) (Android/Java/XML), [Clock Widget](#) (Android/Java/XML), [Magic8 Ball](#) (Android/Java/XML), [Battleship](#) (Java), [DrawIt WhiteBoard](#) (Javascript/HTML/CSS)
- Classroom: Matrix Multiply (C/OpenMP), Graph Search (Java/Hadoop), QuadTree API (Java), Puzzle Solver (Java/Regex), Enigma Machine (Java), Scheme Interpreter (Python)

ADDITIONAL EXPERIENCE

UC Berkeley Department of Electrical Engineering and Computer Science

January 2013 – Present

- *Course Reader* – Discrete Mathematics and Probability Theory
- *Lab Assistant* – Structure and Interpretation of Computer Programs
- *Course Reader* – Introduction to Signals and Systems

UC Berkeley Academic Services Tutoring

August 2012 - Present

- *Math Tutor* – Single and Multivariable Calculus

Parallel Computing Laboratory

June 2012 – August 2012

- *Research Assistant* – Parallelizability of software systems and business applications

ORGANIZATIONS

Eta Kappa Nu - Electrical and Computer Engineering Honor Society

September 2012 - Present

- *Industrial Relations Officer, Department Relations Officer*

Regents' & Chancellor's Scholars Association

August 2011 - Present

- *External Vice President, Public Relations Coordinator*

MISCELLANEOUS

- Fluent in Mandarin Chinese, knowledgeable in Spanish
- Eagle Scout with Palms – Boy Scouts of America