
B.A. Computer Science, B.S. Business (Class of 2015)

- **University of California, Berkeley**
- **Coursework:** Data Structures, Structure & Interpretation of Computer Programs, Machine Structures, UNIX, Linear Programming, Entrepreneurship, Discrete Math & Probability, Open Data, Computer Security, Artificial Intelligence, User Interfaces (*IP*), Software Engineering (*IP*), Computer Architecture & Protocols (*IP*)

SKILLS

- **Languages:** Java, Python, C, Bash, MIPS, Scheme, R
- **Web Technologies & Mobile:** HTML5, CSS3, JavaScript, Android Development, iOS Development
- **Tools & OS:** Eclipse, TestNG, Jenkins, Android Studio, PyCharm, XCode, Git, Vim, Linux (Ubuntu, RHEL), Nessus, Adobe CS, Balsamiq, Hadoop, Spring, Tomcat, Maven, Clover, Ruby on Rails, Heroku, Pandas, Mars
- **Other:** Test-Driven Development, UI/UX, Data Visualization, Agile, MVC, Computer Security

PROJECTS

- **Planetize (Individual, Fall '14)** - An Android app that lets you convert your age and weight across planets.
- **Relive FSM (Team, Spring '14)** - A web app built at the #hackFSM Hackathon that allows users to search for artifacts from the Free Speech Movement Digital Archive. (Django, HTML5, CSS3, JavaScript)
- **Flickr Notebook (Team, Spring '14)** - Analyzes photo metadata. (Flickr API, Pandas, NumPy, Matplotlib)
- **Pacman Game (Individual, Spring '14)** - Designed search agents that use BFS, DFS, uniform-cost search, and A* search for finding optimal solution in Pacman mazes. (Python)
- **Map-Reduce (Individual, Fall '13)** - Implemented map-reduce algorithm to analyze 100,000+ words; performance was tested on Amazon EC2 server clusters. (Java, Hadoop API)

WORK EXPERIENCE

Software Engineer Intern	eBay Inc.	Summer 2014
<ul style="list-style-type: none">• Worked with the StubHub data platform team to optimize a map-reduce job service. (Java)• Developed open-source framework and CLI to configure, execute and manage map-reduce jobs.		
Co-Founder, Developer	Code the Change at Berkeley	Fall 2012 - Present
<ul style="list-style-type: none">• Co-founded CtC at Berkeley to help computer scientists and programmers use their skills for social change.• Developed mobile web app for GreatNonprofits.org, the largest database of nonprofit reviews.		
Lead Security Engineer	SA Information Technologies (SA-IT)	Summer 2013 - Spring 2014
<ul style="list-style-type: none">• Led a team of 5 to build and maintain secure applications for 10,000 individuals + 14,000 machines.• Developed parser (Python) to consolidate vulnerability reports from the Nessus IDS.		
Web Developer Intern	Laflife	Winter 2013
<ul style="list-style-type: none">• Developed friend-recommendation feature and data visualizations on user profile pages.• Ideated, storyboarded, and created mockups of interactive games for users to play on the site.		
User Experience Extern	Box	Winter 2012
<ul style="list-style-type: none">• Performed usability tests on Box platform to develop permissions matrix for user roles and account settings.		

AWARDS AND MISCELLANEOUS

Winner , Grace Hopper Scholarship (Anita Borg Institute)	Winner , Haas Undergraduate Leadership Award
(Two-time) Winner , Leadership Award (Cal Alumni Association)	2nd Place , ZS Associates Business Competition

Software Engineer Mentorships, Intuit | CBS Interactive | Magoosh | Pearl.com

Business Internships, Merrill Lynch (*Finance*) | S-Cubed (*Strategy Consulting*) | Compathos Productions (*Marketing*)

Active Memberships, Association of Women in EECS | Hackers@Berkeley | WomenWhoCode | Berkeley Innovation