
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, XCode, Git, Vim, Linux (Ubuntu, RHEL), Nessus, Adobe CS, Balsamiq, Hadoop, Spring, Apache Tomcat, Maven, Clover, Ruby on Rails, Heroku, Quartz, 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

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| 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 secure applications for 10,000 individuals + 14,000 machines on campus.• 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

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| 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 |
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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