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PAULINA RAMOS

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B.A. Computer Science at University of California, Berkeley (2014)

- **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, Software Engineering, Computer Architecture & Protocols

WORK EXPERIENCE

Software Engineer Intern   **eBay Inc.**   **Summer 2014**

- Worked with the StubHub big data platform team to optimize an in-house 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**

- 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**

- 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**

- Developed friend-recommendation feature and data visualizations on user profile pages. (Ruby on Rails)
- Ideated, storyboarded, and created mockups of interactive games for users to play on Laflife site.

User Experience Extern   **Box**   **Winter 2012**

- Performed usability tests on Box platform to develop permissions matrix for user roles and account settings.

PROJECTS

- **Picket Watch (Fall '14)** — Hybrid Toq smart watch applet and Android app that supports collaborative, location-based poster creation. (Android, Toq API, Flickr API)
- **Planetize (Fall '14)** — Android app that lets you convert your age and weight across different planets.
- **Relive FSM (Team, Spring '14)** — 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)** — Photo metadata analyzer. (Flickr API, Pandas, NumPy, Matplotlib)
- **Pacman Game (Spring '14)** — Search agents for finding optimal solutions in Pacman mazes. (Python)
- **Map-Reduce (Fall '13)** — Algorithm for analyzing 100,000+ words. (Java, Hadoop API, Amazon EC2 servers)

SKILLS

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

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

Product Management Shadowing Opportunities, Intuit | Magoosh | Airbnb
Past Leadership, EthiCal Apparel *(President)* | IABC *(Project Manager)* | Venture Strategy Solutions *(Co-Founder)*
Business Internships, Merrill Lynch *(Finance)* | S-Cubed *(Strategy Consulting)* | Compathos Productions *(Marketing)*
Active Memberships, Association of Women in EECS | Berkeley Innovation | Hackers@Berkeley | WomenWhoCode