

FAYE CHENG

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EDUCATION

Mills College

M.A., Interdisciplinary Computer Science
Expected graduation: December 2016
GPA: 3.5

University of California, Irvine

B.A., Sociology (2013)
GPA: 3.7
Campuswide Honors Program (Top 3%)
Sociology Honors, Dean's Honor List

SKILLS

Programming: Java, HTML/CSS, Javascript

Dev Tools: Eclipse, Sublime Text, Cloud9, Git

Frameworks: Ruby on Rails, Bootstrap, Android SDK

TECHNICAL EXPERIENCE

Software Engineering Intern – I2Share

May 2016 – July 2016

- Developed a Rails web application for the project sharing start-up I2Share.
- Designed a user-friendly and user-tested front-end interface using Ruby on Rails, HTML/CSS, Javascript, Bitbucket, and Git.

Project Manager – Platina Education Group

January 2016 – May 2016

- Worked on a team of 5 in my Software Engineering course to create a web platform using Agile for Platina Education, an academic start-up specializing in consulting to international students for U.S. university admissions and counseling.
- Organized weekly scrum meetings, development timelines, user stories and project iterations.
- Assisted with user-facing development and client-side business consultation.

Teaching Assistant – MIT App Inventor

July 2015

- Assisted with Mills College Summer Academic Workshop to teach mobile app development to first-generation college students using the MIT App Inventor platform.
- Coached the first-place winning team, we built a social justice prototype app where users can report acts of police brutality in the local community. Integrated Google Maps, SMS, and video into the prototype.

Project Leader – PinkThink, Qualcomm EmpowHERment Hackathon

July 2015

- Developed a web platform integrating Arduino block coding where users program their PinkThink bracelets. Provided innovative ideas that PinkThink adopted as part of their Indiegogo campaign.
- Won Judge's Choice and Best in Category awards. (<http://devpost.com/software/p-uhdkis>)

LEADERSHIP

Future Communities Chair – Anita Borg Institute

- Work with multiple divisions of ABI to coordinate and plan for Grace Hopper Celebration (GHC) 2016.

Co-Founder and Coordinator – Mills College Tech4All Hackathon

- Responsible for coordination, content writing, publicity, and graphic design of the Tech4All hackathon.

Speaker and Scholar – Anita Borg Institute, Grace Hopper Celebration

- Presented in the GHC TownHall series encouraging conference attendees to participate in hackathons.
- Featured on the Best of Syssters blog highlighting women technologists (<http://tinyurl.com/juxxjl4>)

Workshop Leader – AAUW & Expanding Your Horizons STEM Conference

- Taught a group of 30 middle school girls the concepts of programming using the Hour of Code platform.

COURSES

Java Programming (1 year), Data Structures and Algorithms, Programming Languages*, Software Engineering, Theory of Algorithms, Computer Architecture, Operating Systems, Network Security, Computing For Good