



## EXPERIENCE.

**Research Intern** at Institute of Information Science, Academia Sinica, Taiwan

**Summer 2015**

- Improved functionality and UI features in Deja Vu SearchTyping Android application
- Wrote import and export functions and allowed users to sync and backup data through cloud storage
- Adapted a topic classification algorithm for Twitter sentiment analysis and preprocessed noise in 1,600,000 tweets
- Implemented the use of positive and negative lexicon and emoticon detection

**Design Lead** for UCB Snap! Student Development Team

**January - December 2015**

- Created website design mock ups for home page, user profiles, classes, and assignments with Photoshop
- Implemented static pages with HTML, CSS, and Google MDL



## PROJECTS.

**Threads**

**October 2015**

- Strengthened scheduling functionality for Pintos, a simple operating system framework for the 80x86 architecture
- Wrote priority scheduling and priority donation functions that handle multiple and nested donations
- Implemented a multilevel feedback queue scheduler to reduce average response time for running jobs

**musicDB**

**November 2015**

- Web application written in Ruby on Rails with searchable music metadata
- Collected 17,925 songs, 40 groups, 965 shows, and 769 releases with Spotify API and setlist.fm API
- Designed and implemented user interface with HTML, CSS, and Google MDL

**Represent!**

**March 2016**

- Android mobile and smartwatch application that gives facts about congressional representatives based on location
- Used Google Location, Google Geocoding, Twitter API, and Sunlight Foundation API to collect data

**SafeSpace** *(work in progress)*

**February 2016**

- Online anonymous messaging application written in Ruby on Rails and AJAX
- Created website design mockups for home page, messaging, search, and profile page



## EDUCATION.

**University of California, Berkeley**

Berkeley, CA  
Computer Science  
Expected graduation: May 2017



## COURSES.

Structure of Computer Programs (Python)  
Data Structures (Java)  
Machine Structures (C, MIPS)  
Macintosh Student Developers for OS X (Objective C)  
Discrete Mathematics and Probability Theory  
Artificial Intelligence (Python)  
Algorithms  
Operating Systems and Systems Programming (C)  
Database Management  
Software Engineering (Ruby on Rails)\*  
User Interface Design and Development (Android)\*

\*currently enrolled in



## SKILLS.

**Software**

Python, Java, C, Javascript, Swift, HTML5, CSS3, Ruby on Rails, Git

**Design**

Photoshop, Illustrator, InDesign, After Effects, Premiere Pro, wireframing, prototyping, user testing

**Other**

Android development, web design & development, Agile, digital photography, English, Mandarin



## INTERESTS.

Software engineering, web design & development, mobile development, UI/UX design, graphic design, typography, photography, video, travel, dance, music