

# Scarlett Wu

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## EDUCATION

### University of California, Berkeley

Expected Graduation: May 2017

Bachelor of Arts, Cognitive Science, Computer Science Minor, Education Minor

### Relevant Coursework:

Introduction to Databases, Great Ideas in Computer Architecture, Structure and Interpretation of Computer Programming, Data Structures and Programming Methodology, Graphic Design, Web Design, Intro to Design Process

## SKILLS

**Programming Languages:** proficient in Python, Java, HTML/CSS, Javascript, basic C, SQL, Ruby on Rails, PHP

**Text Editors and Software:** Sublime Text 2, Atom.io, Drupal, Adobe InDesign, Adobe Dreamweaver, basic Flinto, Sketch

**Computer and Office Management Skills:** MS Office, UNIX, GitHub, Smartsheet, MailMerge, Salesforce

## ACADEMIC PROGRAMMING PROJECTS

Ruby on Rails Final Project

*Scheduler*, Ruby on Rails

04/2016

- Worked in a group of three to code the backend and design the frontend of a simple schedule builder with five models (Admin, Student, Courses, Schedules, Comments).
- Uploaded web app to Heroku: <https://evening-brook-95844.herokuapp.com/>

Data Structures and Programming Methodology Course

*Checkers*, Java

02/2015

- Built a classic checkers game with a GUI from scratch and implementing additional pieces and rules

*Gitlet*, Java

04/2015

- Implemented a simplified version of a version control system such as git within the UNIX command line from scratch
- Utilized multiple data structures to build a data storage hub

## EXPERIENCE

### IT/Web Development Assistant

09/2016 – present

Boalt Law Library, UC Berkeley School of Law

- Use HTML, CSS, and Javascript to make edits to the Boalt Law Library website
- Use Google spreadsheets and PHP to create an initial CRUD interface for use in within the library
- Provide on-site technical support to students in the computer lab area of the law library
- Set up computers and update software using imaging software

### Administrative/Web Content Management Assistant

03/2016 – present

Center for Social Sector Leadership (CSSL), Berkeley-Haas

- Use Adobe Dreamweaver to perform web content updates and edit in HTML/CSS to perform maintenance for the organization's various websites ([www.haas.socialsector.berkeley.edu](http://www.haas.socialsector.berkeley.edu))
- Utilize HTML/CSS to format the monthly newsletter email and create website pages for use within CSSL
- Support the Program Developer and the Director in data entry and logistics using Smartsheet, MailMerge, and Salesforce.

### Front-End Development Intern

06/2016 – 07/2016

Castlery, Singapore

- Utilized Browserstack to fix bugs within the responsive design and update pages using CSS for the current website ([www.castlery.com](http://www.castlery.com)) for both browser and mobile use.
- Assisted in designing and coding up the website footer, header, and product information pages using Sketch for the design and HTML/CSS that is displayed on the current website

### Computer Lab Assistant

01/2015 – 12/2015

Structure and Interpretation of Computer Programming, UC Berkeley

- Assisted students in understanding the syntax and implementation of Python, Scheme, and SQL in homework and projects

## Volunteer Experience

### OASES Mentor

08/2013 – present

Lincoln Elementary School, Oakland

- Tutoring math and reading to students between 2<sup>nd</sup> to 5<sup>th</sup> grade in an after-school mentor program to further enhance their primary education
- Teach arts and crafts to a class size of 20 students