Emily Zhang

emilylzhang.me

2524 Dwight Way
Berkeley, CA 94720
(408) 718-7126
e.zhang@berkeley.edu

EDUCATION

University of Berkeley, California - *B.A. Cognitive Science 2018 (expected), minor in Computer Science*

RELEVANT COURSEWORK

Data Structures, Discrete Math and Probability, Structure and Interpretation of Computer Programs, Algorithms, Linear Algebra, Machine Structures

SKILLS

Python Flask, Java, Javascript, HTML/CSS, SQL, Scheme (Lisp), Unix, Photoshop, Illustrator, Git, C

PROJECTS

hungrytext *(Python Flask, Heroku, Twilio, Google Maps API, Yelp API)*

A program that replies to a text to the number [(669) 600-5660] containing your current location with a text containing the location of the nearest In-N-Out, as well as directions to this location.

Gitlet *(C)*

A version control software with that restricts the contents of commit messages. A school project.

Scheme Interpreter *(Python)*

Developed an interpreter that parsed Scheme expressions, evaluated them, and displayed the results.

Resume Builder *(HTML/CSS, Javascript, Parse)*

Hackathon project. Built a website with backend that allowed users to login and upload information to create a resume that could be printed out with different templates.

Exploding Chessboard *(Java)*

Implemented a version of checkers with alternative forms of interaction and integrated it with graphics to create a playable GUI.

EXPERIENCE

QA Engineer, Berkeley Rescomp *(Summer 2016 - Present):* General QA testing within a team including writing test scripts and manual click testing. Used JIRA and TestUnit systems. Also wrote business requirements and use case diagrams/design flowcharts for software projects.

Web Developer, AFX Website Team *(Winter 2015)***:** Joined a team to help build a website for AFX Dance that allowed people to sign up for dance auditions.

Tutor, Math Enrichment at Lawson Middle School *(Summer 2012)***:** Managed and tutored a class of 30 students in pre-calculus. Graded papers and planned social activities for the kids.

Designer, Hydrangea Designs *(2011 - 2012)***:** Worked in a website design team to develop mockups for high school organizations, using Adobe Photoshop and Fireworks.