

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, Intro to Database Systems, Intro to Artificial Intelligence, Programming Languages and Compilers, Operating Systems and Systems Programming

SKILLS

Python Flask, Java, Javascript, HTML/CSS, SQL, Unix, Photoshop, Illustrator, Git, C, Assembly, API Integration

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 SAIT (*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.