

## Education

---

### UNIVERSITY OF CALIFORNIA, BERKELEY | B. A. COMPUTER SCIENCE

EXPECTED MAY 2023 | 4.0 GPA

- *Relevant Coursework:* Structure and Interpretation of Computer Programs (Python, SQL, Scheme), Data Structures (Java), Designing Information Devices and Systems, Discrete Math and Probability Theory
- *Currently Enrolled:* Computer Architecture (C), Efficient Algorithms and Intractable Problems

## Experiences

---

### INTRO TO CODE MENTOR | STREETCODE

JUN ~ AUG 2020

- Mentored students of all ages in an 8-week Intro to Code course covering basic programming concepts
- Facilitated learning via Zoom and worked with students in breakout rooms through various coding exercises
- Assisted students in developing their final project; e.g. a custom Reeborg's world and Magic 8 ball simulator

### JAVA ASSISTANT | MONTA VISTA HIGH SCHOOL

FEB ~ MAY 2019

- Coded possible solutions to exam problems for high school teacher's Java programming course
- Created GUI calculator and Spanish quiz program from paper prototype using java.awt & java.awt.event
- Collaborated with instructor on the design of GUI programs to improve and enhance user experience

## Projects

---

### WORKOUT WARS WEBSITE ([MISCHIEFWW.PIEQUEENS.ORG](https://mischiefww.piequeens.org)) | WOMEN'S ULTIMATE FRISBEE

AUG 2020

- Repurposed Cal Women's Ultimate Frisbee's workout tracking website for Mischief, a Bay Area club team
- Modified Django codebase, uploaded new exercise and team data to the sqlite3 database, and deployed the website with Linode server, uWSGI, and Nginx
- Remotely collaborated with one other teammate by following git workflow

### BLOCKCHAIN DEMO ([PHOEBELI23.GITHUB.IO/BLOCKCHAIN/](https://phoebeli23.github.io/blockchain/)) | PERSONAL PROJECT

JUN 2020

- Built online demo with React that helps users learn about blockchain by creating, editing, and mining blocks
- Used crypto-js library for generating SHA-256 hash value and react-bootstrap library for interactive styles
- Employed asynchronous programming to display loading indicator for higher difficulty mining levels

### GITLET | CS61B

MAY 2020

- Designed and coded a miniaturized git version control system in Java that runs on your local computer
- Completed the following commands: init, add, commit, rm, log, global-log, find, status, checkout, branch, rm-branch, reset, merge, add-remote, rm-remote, push, pull, and fetch
- Employed unit testing and integration testing into project workflow to ensure robustness of code

### JOYOS | CALHACKS

OCT 2019

- Collaboratively created web app to track the various emotional states of laptop user during laptop use hours
- Reviewed teammate's application of OpenCV and neural nets to predict user's emotions from webcam feed
- Designed daily smile goals as a benchmark for measuring user's emotional state objectives
- Coded logic for smile notifications with Python, frontend with HTML/CSS, and version control with git

## Skills

---

Python   Java   Git   HTML/CSS   Javascript   React   Node   Express.js   SQL   Django