



## Education

### University of California, Berkeley

Computer Science B.A.

May 2019 - GPA 3.77

## Work Experience

### Workday | Software Development Engineer Intern

MAY 2017 - AUG 2017

- ▶ Extended "Collections" functionality on Testing Frameworks Team
- ▶ Streamlined testing usability for 2000+ Application Developers
- ▶ Developed Mass Data Loading for Collections (Array-Like Data Unit) to build hierarchical data inputs for tests and integrated extensive error logging

### Microsoft | Microsoft Student Partners @ UC Berkeley

AUG 2017 - PRESENT

- ▶ Host monthly workshops to teach technologies to the student community
- ▶ Accumulate resources to help student in a development process

### Kiwi Campus | Software Developer, Intern

JULY 2016 - SEPT 2016

- ▶ Implemented iOS app Kiwer to facilitate food delivery for ~90 monthly users
- ▶ Integrated viewing, accepting, or canceling with built in voice call and text

### UC Berkeley | Lab Assistant

Spring '16, Fall '16 & '17

- ▶ Explained concepts from Data Structures and Computer Architecture
- ▶ Aided students on homework and labs through guiding questions

### UC Berkeley | Resident Assistant

AUG 2016 - Present

- ▶ Oversee 52 student residents to provide a positive living environment
- ▶ Promote academic success, mitigate and resolve conflicts

## Projects

### Text Editor | Java, JavaFX

Class

- ▶ Implemented extensive word wrap, cursor clicks, opening large files
- ▶ Maximized efficiency using Doubly Linked Lists inside ArrayLists

### RouteFinder | Java

Class

- ▶ Basic routing using A\* and OpenStreetMap of Berkeley, CA
- ▶ Quad tree to support map raster, pan, zoom; Trie for search queries

### P1N | Java, Android Studio, Arduino

Hackathon

- ▶ Android app connects via Bluetooth to an Arduino which opens locks
- ▶ Designed Android app user interface and functionality

## Skills

Python, Java, Git, C, NumPy, Xpresso WATS, JIRA, TeamCity, MIPS, Swift

## Courses

### Fall 2017

Machine Learning, Computer Security

### Past

Artificial Intelligence, Computer Architecture, Algorithms, Data Structures, Information Devices and Systems

## Organizations

### CS Scholars

- ▶ Supports under - resourced students

### Upsilon Pi Epsilon

CS Honor Society

- ▶ Top 1/3 of CS Majors
- ▶ Industrial Relations Officer

## Awards

### Honor to Date

UC Berkeley 2016 - 2017

- ▶ Distinction in General Scholarship

### Leadership Award

Cal Alumni Association

- ▶ \$2000 rewarded for academic excellence and leadership

### Guinness World Record Holder

UC Berkeley 2017

- ▶ Broke World Record for the Largest Human Letter with 7,196 people