

## Education

### University of California, Berkeley | Class of 2019

B.S. Electrical Engineering and Computer Science | Major GPA: 4.00

#### Relevant Coursework

Engineering 7 – Computer Programming for Engineers, MatLab (A)  
CS 61A – Structure and Interpretation of Computer Programs (A+)  
CS 61B – Data Structure and Algorithms (A)  
CS 61C – Machine Structures (A)  
CS 70 – Discrete Mathematics and Probability Theory (A)  
CS 170 – Efficient Algorithm and Intractable Problems (Fall 2017)  
CS 188 – Artificial Intelligent (Fall 2017)  
CS 186 – Database System (Fall 2017)

### Skills

**Languages:** Python, Java, C, MatLab

**Web Development:** HTML/CSS, JavaScript, SCSS, jQuery, Selenium

**Design:** Illustrator, Photoshop

#### Honors and Awards

Dean's Honors, UC Berkeley Undergraduate Scholarship, Great Lake Scholars, McLAMORE Scholars, Scholarship America Dream Award, American Collegiate Go League first place

## Experience

### Hewlett Packard Enterprise

#### Software Engineering Intern

*Palo Alto, CA*

**May 2017 – Present**

- Implement automated integration tests in Java to test frontend UI features using Selenium and added Jenkins support
- Triage and fix software defects related to UI design and components using JavaScript and SCSS
- Improve the efficiency of automated testing using Shell scripts and reduce the number of IE failures to zero

### DiversaTech Consulting

#### Vice President of Technology

*Berkeley, CA*

**December 2016 – Present**

- Developed a new professional and modern website for DiversaTech from scratch using HTML/CSS, and JavaScript
- Modernized the website using Materialize CSS (following Google's Materialize Design) and Typed.js
- Advised consulting teams on technological aspects of consulting projects, including coding and recommendations

#### Technical Project Manager | Client: Symantec

**February 2017 – May 2017**

- Led a team of student to develop an email threat identifier software using Google API and Symantec DLP service.
- Developed an interactive and user-friendly UX/UI interface for the threat identifier software using Frontend technology

#### Project Manager | Client: eBay

**September 2016 – December 2016**

- Led a team of four senior consultants to conduct technical research on end-user interfaces technologies
- Analyzed optimal contents to implement at each stage of end user's journey on eBay's website and mobile application
- Developed metrics to evaluate different software that will assist in achieving higher user retention rates

### Berkeley Student Cooperative

#### Network Manager

*Berkeley, CA*

**May 2016 – September 2016**

- Provided technical supports and ensured cyber security on personal computers and routers to 1300+ BSC residents
- Managed the security of BSC desktops, internets, and wireless access points of over 13+ Houses and Apartments

### UC Berkeley Student Affairs Information Technology

#### Network Engineering Assistant

*Berkeley, CA*

**May 2016 – September 2016**

- Developed strategies to maximize wireless internet coverage with limited WAP in all residential halls
- Enhanced cyber and physical security on 10+ Juniper switches that are transmitting sensitive data

## Leadership

### Berkeley Campus Go Club

#### President/Lead Organizer

*Berkeley, CA*

**August 2016 – Present**

- Train and lead a team to compete in American Collegiate Go League and World Student Go Championships
- Teach beginners the fundamentals of Go and mathematical and computational Go Game Theory

## Personal Project

### RocAlphaGo

**September 2016 – Present**

- Implement a Go Game interface for manual player and artificial intelligence program (RocAlphaGo) using Python
- Implement Supervised Policy Network, Reinforcement Policy Network, and Value Network using Python
- Wrote many unit testing and integration testing scripts in Python to test the performance of RocAlphaGo

### PeerMind

**January 2017 – May 2017**

- Developed a landing page for the project from scratch using Materialize CSS and Meteor JavaScript
- Developed interactive User Interface and Real Time Update on Voting System using MongoDB
- Implemented Real Time Visual Feedback Update and Decision Making Processes using JavaScript