

Education

University of California, Berkeley | Class of 2019

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

Relevant Coursework

- 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

Palo Alto, CA

Software Engineering Intern

May 2017 – Present

- Implemented automated integration tests in Java to test frontend UI features using Selenium with Jenkins support
- Triaged and fixed software defects related to UI design and components using JavaScript and SCSS
- Improved the efficiency of automated testing using Shell scripts and reduce the number of IE failures to zero

DiversaTech Consulting

Berkeley, CA

Vice President of Technology

December 2016 – Present

- Developed a professional and modern website for DiversaTech from scratch using HTML/CSS and JavaScript
- 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 students to develop an email threat identifier software using Google API and Symantec DLP service.
- Developed an interactive and user-friendly interface for the threat identifier software using JavaScript and SCC

Project Manager | Client: eBay

September 2016 – December 2016

- Led a team of four senior consultants to conduct technical research on end-user interface 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

Berkeley, CA

Network Manager

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

Berkeley, CA

Network Engineering Assistant

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

Berkeley, CA

President

August 2016 – Present

- Trained and led a team to compete in American Collegiate Go League and World Student Go Championships
- Taught beginners the fundamentals of Go and mathematical and computational Go Game Theory

Projects

RocAlphaGo

September 2016 – Present

- Implemented a Go Game interface for manual player and artificial intelligence program (RocAlphaGo) using Python
- Implemented Supervised Policy Network, Reinforcement Policy Network, and Value Network using Python

PeerMind

January 2017 – May 2017

- Developed a landing page for the project from scratch using Materialize CSS and Meteor JavaScript
- Implemented Real Time Visual Feedback Update and Decision Making Processes using JavaScript