

EXPERIENCE

Teaching Assistant, University of California, Riverside

Jan 2022 - Present

- Taught introductory C++ and data structures to undergraduate students.
- Graded students' assignments and provided feedback.
- Received positive feedback from both students and faculty.

Software Development Tutor, 2U Inc.

Jan 2020 - Present

- Tutor coding boot camp students in full-stack web development and data visualization by using technologies such as React, Node, D3, Pandas, Matplotlib, Visual Basic, & SQL.
- Developed Python program to automatically send session confirmation emails to all students.

Software Engineer Intern, HashiCorp Inc.

Jun 2022 - Sep 2022

- Developed feature that reduced the time needed for engineers to filter through HCP Vault clusters.
- Developed feature where engineers can repair Vault Clusters from internal admin website.

Transfer Peer Mentor, University of California, Riverside

Sep 2021- Jun 2022

- Mentored fellow transfer students for their first year at the university, helping them establish connections and a community, and contributing to their academic success.

Software Engineer Intern, Chegg Inc.

Jun 2021 - Aug 2021

- Developed web application to replace Adminer, an internal legacy application that allows staff to input SQL queries into the production database.
- Reduced website outages by verifying that database modifications inputted by employees would not remove sensitive information.

Software Engineer Intern, Base 11

Jul 2020 - Aug 2020

- Developed Python program to control a Raspberry Pi-powered rover remotely through keyboard and voice control through web sockets and the wit.ai API.

Student Aide II, Moreno Valley College

Aug 2019 - Aug 2020

- Assisted students with learning how to use 3D printers, laser cutters, and other equipment within the school's makerspace.
- Influenced local K-12 students to choose STEM careers.

Freelance Software Engineer, Crowdbotics Inc.

Aug 2019 - Dec 2019

- Developed minimum viable iOS and Android apps for The Shoeshine Guild, a business that handles shoeshines and repairs.
- Implemented user authentication, payment processing, delivery service, and push notifications by using React Native, Stripe, Firebase, and Postmates API.

SKILLS

- **Languages:** JavaScript, Java, C#, Go, C++, Python, PHP, SQL
- **Courses:** Data Structures, Embedded Systems, Discrete Mathematics, Machine Learning, Data Analysis, Statistics, Operating Systems, Artificial Intelligence, Software Testing & Analysis
- **Libraries:** Matplotlib, Pandas, ApolloGraphQL, gRPC, React, Firebase
- **Frameworks:** Cadence, Flask, Express, Google C++ Unit Testing, Unity

EDUCATION

- University of California, Riverside - M.S. Computer Science
- University of California, Riverside - B.S. Computer Science
- Moreno Valley College - A.S. Computer Science