

EDUCATION

- University of California, Riverside - B.S. Computer Science - Jun 2022
- Moreno Valley College - A.S. Computer Science - Jun 2020

EXPERIENCE

Senior Software Development Tutor, 2U; Remote – Jan 2020 – Present

- Tutored coding boot camp students in full-stack web development and data visualization by using technologies such as ReactJS, NodeJS, D3JS, Pandas, Matplotlib, Visual Basic, & SQL
- Developed Python program to automatically send session confirmation emails to all students

Software Engineer Intern, Base 11; Irvine, CA – Jul 2020 – Aug 2020

- Produced 3D models of objects by using OnShape and NX CAD software
- Developed Python program to control a Raspberry Pi-powered rover remotely through keyboard and voice through web sockets and the wit.ai API

Student Aide II, Moreno Valley College; Moreno Valley, CA – Aug 2019 – Dec 2020

- Influenced K-12 students at local schools and colleges to choose STEM careers
- Produced objects from 3D printers by using CAD software
- Developed Raspberry Pi program to detect local radiation exposure with a Geiger Counter

Contract Software Engineer, Crowdbotics; Remote – Aug 2019 – Dec 2019 | [\[iOS App\]](#) [\[Android App\]](#)

- Developed minimum viable iOS and Android apps for The Shoeshine Guild, a business that handles shoeshines and repairs for more than 5000 monthly customers
- Implemented user authentication, payment processing, and push notifications by using React Native, Expo, Stripe, and Firebase
- Implemented delivery service by using Postmates API

PROJECTS

- **Auto Student Email [\[GitHub\]](#)**
 - Automatically sends out tutoring session confirmation emails using the Twilio SendGrid API to students in the Trilogy Education Coding Bootcamp.
- **Powerpaint [\[Website\]](#) [\[GitHub\]](#)**
 - Developed a real-time paint application in where users can collaborate on drawings.
- **Two-Factor Authentication with Meteor.js and Twilio [\[Website\]](#) [\[GitHub\]](#)**
 - Implemented two-factor authentication alongside the Meteor.js Accounts library using the Twilio API.

SKILLS

- Languages: JavaScript, Java, C++, Python, PHP, Visual Basic, SQL
- Courses: Data Structures & Algorithms, Discrete Mathematics, Machine Learning, Data Analysis, Machine Org. & Assembly Lang. Prog., Statistics
- Libraries: Matplotlib, Pandas, ApolloGraphQL, ReactJS, D3JS, Firebase, Expo
- Frameworks: Node.js, Meteor.js, Flask, Express
- Software: OnShape, NX, Photoshop, Illustrator