

Devin Mui

Education

Expected May 2022

University of Southern California

Los Angeles, CA

Bachelor of Science, Computer Science (GPA: 3.88)

- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Software Engineering, Discrete Mathematics, Linear Algebra and Differential Equations, Multivariable Calculus, Probability Theory

Experience

May 2021 – Aug 2021

Amazon Web Services (AWS)

Seattle, WA

Software Development Engineer I Intern

- Worked on the Amazon Kendra team developing a UI framework for onboarding connectors for different data sources (S3, Confluence, etc.)
- Used React.js, TypeScript, and polymorphism to automate UI development and remove copy-paste programming
- Brought development time to onboard new data source connectors from 5 weeks to a couple of days, allowing the team to stay on track to developing over 100 unique connectors by the end of 2021 Q4

Apr 2020 – Present

USC Marshall Experiential Learning Center

Los Angeles, CA

Programmer

- Coordinating with managers and students to patch and deploy software to USC servers
- Thoroughly understanding student code with React.js, EJS, Socket.io, PHP, MySQL, and MongoDB to help draft training manuals while improving load times by up to 90%
- Successfully resolving hundreds of bugs assigned by managers to serve dozens of game applications to thousands of MBA students to learn effectively in remote situations

Aug 2019 – Dec 2019

SORACOM Global Inc.

Menlo Park, CA

Software Engineer Intern

- Recruited a small team to build an electric IoT scooter to demonstrate cellular connectivity
- Wrote Node.js to create a serverless AWS Lambda API to control an electric scooter with React Native cross-platform mobile apps to reduce data costs by 66%
- Co-authored and shot technical articles and videos on Hacker Noon and YouTube with hundreds of hours read and thousands of views

Projects

Blindsight – TechCrunch Disrupt SF Hackathon

- Awarded semi-finalist and featured on CBS news after assembling and training team
- Interviewed over twenty visually impaired people for market research to innovate a machine learning smartwatch for the blind
- Used Python to perform object recognition and tracking as well as optical character recognition (OCR) with OpenCV to win over a hundred other teams

Skills

- Node.js, JavaScript, TypeScript, Express.js, React.js, React Native, Python, C/C++, Java, Ruby on Rails, MongoDB, SQL, HTML/CSS, NGINX, Arduino AVR, Git, Docker, AWS