

# Devin Mui // Software Engineer

Dublin, CA 94568  
(415) 568-0739  
dmui@usc.edu  
<https://devinmui.com>  
<https://linkedin.com/in/devinmui>  
<https://github.com/DevinMui>

## EDUCATION

**University of Southern California** — *BS Computer Science (3.88 GPA)*

Fall 2018 - Spring 2022, Los Angeles

## EXPERIENCE

**USC Marshall Experiential Learning Center, Los Angeles** — *Programmer*

APRIL 2020 - PRESENT

- 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

**SORACOM Global Inc., Menlo Park** — *Software Engineer Intern*

AUGUST 2019 - DECEMBER 2019

- 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

**EPNomad, Inc., Danville, CA** — *Software Developer*

SEPTEMBER 2016 - APRIL 2017

- Directed team to program an image recognition API using Express.js and MongoDB
- Facilitated the use of a C/C++ convolutional neural network to train and predict image labels with over 90% accuracy through a series of Python scripts
- Managed team to interpret and implement OAuth 2.0 specification for secure authentication
- Collaborated in a small group to code SDKs for use in over ten programming languages
- Managed team to effectively demonstrate and teach a suite of APIs at CodeDay Bay Area in which a dozen teams utilized to create award-winning applications

## 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

**BobaFetch** — *Cal Hacks 6.0 Hackathon*

- Communicated and drafted Agile development plan for team to win Best Use of Hardware and 3rd Place Overall over thousands of other competitors
- Invented a boba machine using CockroachDB and Express.js running on Azure Compute to track order queues in real time to reduce drink cost by 500%

## 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, Azure