

# TAM NGUYEN

## Software Engineer

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## EDUCATION

Bachelor of Science  
Computer Science  
University of California  
📅 Sep 2016 - Jun 2020  
📍 Irvine, California  
🎓 GPA: 3.53

## SKILLS

Languages: Proficient with Javascript, Swift, Java; Experienced with Python, C/C++, Familiar with Typescript  
Databases: Experienced with DynamoDB, SQL, Parse server, Firebase  
Frameworks: Proficient with React.js, Meteor, Bootstrap  
Additional: Git/Github, HTML5, CSS3, Heroku, Cypress, NodeJS, Webpack, XML  
AWS: Cloudwatch, Cognito, API Gateway, Serverless

## WORK EXPERIENCE

### Software Engineer

#### Integrity Security Services

📅 June 2020 - current 📍 Irvine, CA

- Collaborated with team of cybersecurity engineers to build, test, deploy, and ship responsive React/NodeJS and Meteor-based applications that manage certificates, hardware devices, and automotive industry tools servicing over 60,000 users across 10+ countries
- Took the lead to prototype, implement, and design iOS app, and wrote in-house APIs to assist over 14,000 vehicle repair shop owners unlock vehicles and correspond with automobile manufacturers
- Designed user interfaces using Axure to create high-fidelity, interactive mockups and presented to clients to help marketing team drive company product sales by 10%

### Front-End Developer

#### UCI Office of Information Technology

📅 March 2019 - June 2020 📍 Irvine, CA

- Independently created and tested CRUD Web application and relevant APIs using React/JS, Material UI, Bootstrap, HTML, CSS, Cypress, and NodeJS, used by 10+ employees to field IT related incidents
- Improved efficiency of IT work for entire department by 30% by reducing the need to access outdated database and administrative tools

## PROJECTS

### Spotify Music Analysis Manager

#### Keytrack

📅 May 2020 - current

- Researched and utilized Spotify WebAPI and MaterialUI to develop, test, and deploy React/NodeJS app that can fetch song, playlist, and "likes" data for group of 1,200 users
- Elegantly compiled JSON audio analysis information for playlists of songs returned from API to build comprehensive tabular views displaying musical qualities (key, major/minor quality, beats per minute, artist information) to manage thousands of songs

### Digital Real Estate Sign Manager App

#### SmartRES

📅 April 2019 - August 2019

- Co-founded startup focused around developing IoT digital real estate signs with dual-sided screens and oversaw 80% of development work
- Developed full stack iOS application with Swift, Heroku and Parse server
- Scripted Python code for Raspberry Pi Zero W to pull and display data on LCD screens in real time
- Won third place and \$1000 for one bracket of UCI New Venture Competition
- Presented idea to overseas investors and manufacturers in Suzhou, China