

# Yao Tsai

## Front End Engineer

Web enthusiastic looking for opportunity to showcase my ability as Front End Engineer with experience in Android development, MEAN stack, React, RESTful API, and more. Thrilled to work in a fast paced environment to make improvements. Good team player looking to start my career and staying versatile to help make great impacts.

✉ yaotsai17@gmail.com

📞 626-757-4578

📍 El Monte, USA

🌐 [linkedin.com/in/yaotsai17](https://www.linkedin.com/in/yaotsai17)

## WORK EXPERIENCE

### Front End Engineer Qchain

04/2018 – 09/2018

Irvine, CA

Startup building a blockchain-powered marketplace for advertisers and content publishers.

#### Achievements/Tasks

- Migrated application from using Angular to React / Redux.
- Implemented back end PostgreSQL database including schema, authentication roles, custom views and policies for RESTful service.
- Connected front end application to back end RESTful API.
- Built responsive application with modern web design concepts.
- Demonstrated strong work ethic and willing to learn anything.

### Software Engineer Intern CalAmp

07/2017 – 10/2017

Torrance, CA

Telematics company that focuses in automotive Internet of Things.

#### Achievements/Tasks

- Created web application using Angular, React, Express, and Node.js.
- Enabled users to send SMS messages to targeted Electronic Serial Number.
- Connected several internal API's and AT&T API to automate several manual tasks.
- Completed project before scheduled deadline and overcome many challenges.
- Deployed web app on remote server and performed exhaustive tests.
- Demonstrated strong communication skills with coworkers to understand the project and clarify requirements quickly.

## EDUCATION

### Computer Science California State University, Los Angeles

09/2012 – 05/2017

#### Courses

- Android & Cloud Computing
- Web Development
- Computer Networking Protocols
- Current Trends in Web Design

## TECHNICAL SKILLS

Java	Android
Javascript ES6	Node.js
React	Redux
Express.js	Angular 2+
RESTful API	Unix / Linux
SQL	Git
JSON / XML	Object Oriented Programming
HTML / CSS	JUnit Test

## PERSONAL PROJECTS

### Alarm Notifier (07/2016 – 05/2017)

- Senior Design Project aims to migrate AT&T's device monitoring system onto Android devices.
- Role: Documentation Lead / Android Developer.
- Created RESTful web services using Java Jersey framework along with MongoDB.
- Created Android application and utilizing Firebase Messaging to notify users when machine failure happens and archive resolution methods.

### Hummingbird Nest (05/2017 – 07/2017)

- Developed a Android application for a concert ticket selling company.
- Utilized open source reusable components to rapidly produce prototypes.
- Integrated Volley to achieve HTTP Requests and Picasso to smoothly display images.

## VOLUNTEER EXPERIENCE

### Head Server Taipei Bistro

04/2015 – 05/2015

San Gabriel

Traditional Small Restaurant

#### Tasks/Achievements

- Volunteered to developed a desktop application using JavaFX and Object Oriented programming.
- Automated inefficient methods of calculating employees' working hours.
- Ensured accuracy and improve efficiency. Application is still currently used by the business owner.