Michael Chang

Fullstack Software Engineer

Los Angeles, CA | 626-376-8837 | mchang95@gmail.com

Website | Github | LinkedIn

WORK EXPERIENCE

Software Engineer Intern   Aug 2021 – Sep 2021

Rithm School | San Francisco, CA
- Streamlined workflow and enhanced quality of life usage of staff management platform by adding various features with **Django** such as "Publish All" and "Manage" buttons
- Improved reusability of styles and decreased repetition within style sheets by converting some components from **CSS** to **Sass**
- Maintained 100% test coverage through added features by authoring various unit and integration tests

Teacher's Aide and After School Provider   May 2019 – Jun 2020

City Year San Jose | San Jose, CA
- Improved student math and reading proficiency through specialized one-on-one interventions with a focus list of fifth-grade students
- Designed and implemented detailed daily lesson plans for after school STEAM enrichment, Social-Emotional Learning, and academic reinforcement for a class of 20 second-grade students
- Fostered relationships with parents through frequent and open communication

Emergency Medical Scribe   Jun 2018 – May 2019

ScribeAmerica | St. Louis, MO
- Improved physician efficiency by completing patient charts within 5 minutes and predicting physician needs to preemptively prepare necessary paperwork
- Advocated for patient needs with frequent updates and accommodations as requested

PERSONAL PROJECTS

Wonderwall - React | Flask - Live Demo | Github Frontend | Github Backend
- Revitalized interface for CAISO OASIS API with added functionalities including live updating data and downloadable graphical representations

ShareBnB - React | Flask | PostgreSQL | AWS S3 - Live Demo | Github Frontend | Github Backend
- Fullstack AirB&B clone with user messaging and photo upload capabilities

TECHNICAL SKILLS

Languages - Javascript (ES6) | Python | SQL | HTML | CSS/Sass

Libraries / Frameworks / Tools - React | Redux | React Testing Library | jQuery | Node | Express | Jest | Flask | Django | SQLAlchemy | unittest | PostgreSQL | Bootstrap | AWS S3 | VSCode | Git

EDUCATION

Rithm School   Jun 2021 – Oct 2021

Full Stack Web Development Online Bootcamp   *San Francisco, CA*

Washington University in St. Louis   Aug 2014 – Jun 2018

Bachelor of Arts in Psychological and Brain Sciences   *St. Louis, MO*