Edmund Lu

Full Stack Software Engineer

CELL 510-896-0305 **EMAIL** edmundglu@gmail.com

SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, SCSS, Python, Java
Libraries/Frameworks: Node.js, Express, Angular, jQuery, Flask, MongoDB, MySQL

PROJECTS

Eye Care (Java, Spring Boot, MySQL)
Web app aimed to create a user-friendly health care application for providers.
- Implemented relational database using MySQL
- Constructed a visual layout of clinic blueprint/map for interactive front-end experience

At Your Service (Python, Flask, MySQL)
Developed reviews service for an app similar to Yelp
- Parsed user's query filter choices for Google Maps API to return nearby businesses
- Utilized a relational database to implement interaction through reviews between users

Tic Tac Toe (Angular, Typescript, JavaScript, SCSS)
An algorithm generated project that allows two players to play Tic Tac Toe
- Created an algorithm to calculate the winner of a Tic Tac Toe pattern
- Incorporated SCSS to design an appealing user interface

EXPERIENCE

Ophthalmic Technician *(Jan 2019 – June 2019)*
San Mateo Medical Center, San Mateo, CA
- Maintained & worked with an independent schedule of patients returning for Ophthalmic testing/imaging through eClinicalWorks software
- Conduct Ocular Coherence Testing & Visual Field Testing through their own interfaces to assist patients in achieving optimal results

Ophthalmic Technician *(Sept 2016 – May 2018)*
Stanford Health Care, Palo Alto, CA
- Worked directly with doctors and nurses to implement treatment plans that correlate with given diagnoses
- Operated and troubleshooted Ophthalmic equipment to provide accurate data analysis for providers to be viewed on EPIC software

Ophthalmology Intern *(Apr 2015 – Sept 2016)*
Veterans Affairs Health Care System, Palo Alto, CA
- Assisted doctors, nurses, and technicians with patient care/flow
- Used CPRS software to create and review patient records

EDUCATION

Coding Dojo, *San Jose, CA (Graduated: Oct 2019)*
Full Stack Web Development Program

San Jose State University, *San Jose, CA (Graduated: May 2016)*
Bachelor of Science, Health Sciences