Ryan Lin

Software Engineer

Email: ryanlin95129@gmail.com

Phone: 408-724-7325

Address: 1199 Wunderlich Dr San Jose CA 95129
ryanyl.github.io

Website: ryanyl.github.io

OBJECTIVE

To work in an organization where I use my communication, teamwork, and programming skills to deliver value added results as well as further enhance my learning and develop my career in the field of software development.

SKILLS

C++, Octave, Python, JavaScript, ReactJS, HTML, Arduino

RELATED EXPERIENCE

Zombie Dash video game - coded in C++; objective of the game is to lead all citizen sprites to the exit without getting infected and killed by zombies. Utilized object-oriented programming concepts.

IDEA HACKS 2019 Semifinalist - built an anti-theft device that prevents luggage theft; used accelerometer/gyroscope IC and HC-05 with a microcontroller.

IEEE Capstone Project 2019 - built a remote-controlled car; the controller consisting mainly of an accelerometer/gyroscope that moves the car depending on how the user tilts the controller. Programmed bluetooth communication between two microcontrollers and used H-bridge to control direction and speed of the wheels.

PERSONAL PROJECTS

Bill splitter app - created a bill splitting app using JavaScript and React. Keeps track of and provides options to add/update how much money each person owes you.

Calorie Tracking app - created using vanilla JavaScript and styled using Bootstrap CSS. Users can add and delete meal items as well as update individual calorie values.

Github User Finder - created an application that fetches Github user info using vanilla JavaScript, HTML, and Github API.

Email Spam Classifier – implemented a support vector machine spam classifier in Octave; used email dataset from Spam Assassins public corpus.

EDUCATION AND AFFILIATIONS

B.S. COMPUTER SCIENCE AND ENGINEERING

 (expected June 2022)

University of California, Los Angeles

GPA: 3.63

IEEE UCLA STUDENT BRANCH

(September 2018 -)

Open Project Space program

BOY SCOUTS OF AMERICA

(August 2011 - June 2018)

Eagle scout rank, Patrol Leader, Instructor