RAYMOND LIN

Github: github.com/raymondlin1

EDUCATION

University of California, Los Angeles - *Computer Science, BS*   *Sep 2017 - Jun 2021 (Expected)*
Cumulative GPA / Major GPA: 3.5 / 3.8

SUMMARY OF SKILLS

- **Programming Languages:** JavaScript, C++, Python, JavaScript, Java, Ruby
- **Other Skills:** SQL, Node.js, Express.js, Ruby on Rails, HTML/CSS, Angular, React.js, Linux, Git, Docker, AWS (Lambda, Elastic Beanstalk, DynamoDB), Tsung, Agile/Scrum
- **Relevant Coursework:** Computer Networks, Operating Systems, Database Systems, Web Applications, Scalable Internet Services, Machine Learning

PROFESSIONAL EXPERIENCE

Planetary Gaming - *Software Developer Intern (Unity/C#)*   *Jan 2019 - Jun 2019*
- Developed NovaSnake, an augmented reality endless-runner game
- Reduced API calls for updating player high score, from multiple times per game to once per game
- Wrote C# scripts and used Unity to develop a tutorial scene and a timed gamemode

PROJECTS

StudyB - *Engineering Manager and Backend Developer*   *Jan 2020 - Present*
- Developed the backend of a mobile app that allows students to browse available study rooms in real time
- Currently leading a backend project to reduce frontend API calls by rewriting a new API contract and migrating databases
- Automated Node web scrapers to obtain classroom schedules using AWS Lambda

IoT Security   *Nov 2018 - Dec 2018*
- Implemented a temperature telemetry program in C that runs on a Beaglebone
- Established an encrypted connection to a remote server using the GNU sockets and the openssl

Markdown Blogger   *Apr 2020 - Jun 2020*
- Built a blogging web app that allows users to manipulate posts written in Markdown
- Developed REST APIs in Node and Express that perform CRUD operations on MongoDB models
- Implemented the program as an SPA (single-page application) using Angular

ACTIVITIES

DevX - *Student Organization*   *Jan 2020 - Present*
- Developing applications to solve real-world problems experienced by UCLA students

Learning Assistant - *Campus Program*   *Jan 2020 - Jun 2020*
- Lectured and tutored students in an introductory data structures course