Liam Li

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SUMMARY
Software Engineering Student with hands-on experience building production-level software applications and features at scale. Motivated Self-starter with a passion for designing and developing innovative product features from initial concept to final production with a focus on scalability, performance, and user experience.

EDUCATION
- Bachelor of Science in Software Engineering, San Jose State University   **Expected December 2020**

SKILLS
- **Engineering:** Coding & Architecture, Testing & Code Coverage, Software Quality, Data Structures, Algorithm Development, OOP, Database Management, Scalability, Performance, Reliability, Documentation
- **Languages:** Java, C/C++, SQL, HTML5, CSS3, JavaScript
- **Frameworks / Technologies:** Angular 6+, React/React Native, Node.js, Express.js, Elasticsearch, Logstash, Kibana, Postman, AWS, Firebase

EXPERIENCE
Software Engineering Intern, Moody's Analytics – San Francisco, CA   **06/2019 - 08/2019**
- Built a hotfix packager generator to reduce the time required to finish hotfix requests from 15 to 5 minutes.
- Collected and analyzed the log files produced by customer software analytics using Elasticsearch, Logstash, FileBeat, and Kibana to streamline log error identification and save hundreds of labor hours each year.
- Created the Java Elasticsearch Client to enable report generation, saving, and search by time and logging level, enabling greater information sharing between the developers and clients.

Front-end Engineer, Ambii – San Jose, CA   **09/2018 - 05/2019**
- Enhanced the functionality and overall design of the social music jukebox platform by coding features such as navigation, user profiles, and recommended songs using HTML, CSS, TypeScript and Angular 6.
- Partnered with the UI/UX designed to rebuild the homepage, improving user experience and lead generation.
- Streamlined testing and improved code coverage by improving the test suite using Jasmine and Karma.

PROJECTS
EduU Platform   **11/2019 - present**
- Built a web application using React, Node.js, Firebase, and Google Maps API to connect students and software developers to local non-profit organizations seeking support for engineering projects.
- Created opportunities for students and software engineers to use their skills to give back to their communities.

Stock Data Aggregation Web-App   **09/2019 - present**
- Developed a three-tier web application displaying Stock Data derived from MySQL.
- Researched user personas and existing stock watch applications to create and prioritize feature development.
- Built stock watchlist and searching by stock features using API integrations, Node.js, Express.js, and React.
- Enabled database management and improved application performance using CRUD and Node MySQL Module.

Every Receipt   **02/2019 - 05/2019**
- Created an automated/manual receipt scanning application to increase the efficiency of expense tracking.
- Developed multiple functional requirements based on the documentation of application design.

Google Search Engine Simulator   **10/2018 – 04/2019**
- Analyzed sorting algorithms to optimize sorting efficiency with the optimal data structure implementation.
- Designed the User Interface to display the search results and features such as displaying URL, Website Title, and randomize PageRank Score after clicking the search button using JavaFX.