

Eugene Kim

Full Stack Software Engineer

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github.com/eugenetedkim

Relevant Experience

Software Engineer @ Fulgent Genetics

El Monte, CA

Oct. 2020 – Present

- ▶ Helped design and build company's enterprise COVID-19 and vaccine app for a large government client with over 100,000 employees, enabling them to efficiently manage the health and safety of their workforce.
- ▶ Designed and augmented company's transaction-based system by creating new transactions, data structures, and functionalities to streamline and improve existing workflows.
- ▶ Automated intricate lab procedures with daemons, resulting in improved efficiency, accuracy, reduced manual labor, and lower risk of human error.
- ▶ Developed solutions by collaborating with project management, lab scientists, bioinformaticians and software engineers to build new microservices, pages, apis, database tables, and automated daemons.
- ▶ Utilized a variety of technologies such as Vue.js, Angular.js, RabbitMQ, MongoDB, Express.js, Oracle database, PM2, AWS services such as EC2, S3, Aurora, EBS, ALB, and more.

Natural Language Processing, Cloud Engineering,

& Database Programmer @ Digital Transformation Dept - California State University, San Bernardino

San Bernardino, CA

Jan. – Jun. 2020

- ▶ Developed natural language processing chatbots for university's website which reduced customer service costs and provided 24/7 support to students, faculty, and staff.
- ▶ Improved speech recognition confidence through heavy testing, debugging, documentation, and flowcharts.
- ▶ Collaborated closely with Programmer Analyst and team in the design and implementation process.
- ▶ Implemented chatbots using HTML, CSS, JavaScript, Google Dialogflow API, and Node.js.

Project Manager/Software Engineer @ Software Engineering Course - California State University, San Bernardino

San Bernardino, CA

Mar. – Jun. 2019

- ▶ Led team of 6 as Product Manager in a software engineering course that delivered mobile apps to real companies.
- ▶ Used SCRUM to rapidly prototype and launch a mobile GPS app for students and faculty to the Google Play store.
- ▶ Implemented the ArcGIS Runtime SDK, heavily debugged, and delivered a search bar, navigation drawer, grid buttons, spinner, compass, and GPS using Android Studio and Java.
- ▶ Delegated roles, monitored responsibilities, and collaborated with team using Trello and Bitbucket.

Education

California State University, San Bernardino

2017 – 2020 // San Bernardino, CA

Bachelor of Science in Computer Science

Skills

JavaScript, TypeScript, C++, Java, Python, SQL, Vue.js, React.js, Angular.js, Vuex, Redux, HTML, CSS, Node.js, PM2, Axios, Express.js, Amazon Aurora, Oracle database, Oracle SQL Developer, MySQL Workbench, MongoDB, RabbitMQ, Amazon EC2, Linux, Git, Bitbucket, Jira, Visual Studio Code, Android Studio