

# EUGENE TED KIM

eugenetedkim.com • 909-921-2215 • eugenetedkim@gmail.com

## EXPERIENCE

### Software Engineer

*Fulgent Genetics, El Monte, CA*

Oct. 2020 – Present

- Implemented daemons utilizing the producer/consumer model, RabbitMQ, MongoDB, Express.js, and Oracle database to automate complex lab workflows and drastically reducing manual work and human error.
- Built the enterprise client-facing COVID-19 and vaccine management system app using Vue.js, Node.js, Express.js, Amazon RDS, and MySQL for a government client that manages over 100,000 employees.
- Extended company's internal laboratory information management system app using Vue.js, Angular.js, Express.js, RabbitMQ, MongoDB, NodeMailer, and Oracle database to boost user productivity and quality.
- Troubleshooted, debugged, configured, and built enhancements into company's internal lab information management system and client facing enterprise system and enabling smooth operations and productivity.

### Natural Language Processing, Cloud Engineering, & Database Programmer Student Assistant

*IT Services - California State University, San Bernardino, San Bernardino, CA*

Jan. 2020 – 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.

## EDUCATION

### Bachelor of Science in Computer Science

Jun. 2020

*California State University, San Bernardino, School of Computer Science and Engineering, San Bernardino, CA*

## SKILLS

JavaScript, TypeScript, C++, Java, Python, SQL, Vue.js, React.js, Angular.js, HTML, CSS, Node.js, Axios, Vuex, Redux, Express.js, MySQL, Oracle, MongoDB, RabbitMQ, AWS, PM2, Git, Bitbucket, Jira

## PROJECTS

### GPUs 4 All

Mar. 2022 - Present

- Developed an e-commerce prototype that saves customers time searching for quality GPUs and a platform for making better buying decisions with product reviews and enhanced transparency.
- Collaborated with a team of 4 and implemented a microservices architecture to create a highly scalable, loosely coupled, service oriented application using Vue.js, Bootstrap Vue, Vuex, Express and MySQL.

### Sweet Song of Mine

Nov. 2020 - Jan. 2022

- Developed and deployed an e-commerce website, [sweetsongofmine.com](https://sweetsongofmine.com), for a business that sells personalized, custom songs for children.
- Registered and pointed domain name to a Digital Ocean server, installed a LAMP stack, secured Apache, and installed WordPress for easy maintenance.
- Installed online shop using WooCommerce and Stripe plugins, modified WordPress theme files using HTML, CSS, and PHP then managed those files using a FTP client.