

# EUGENE TED KIM

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## EXPERIENCE

### Software Engineer

*Fulgent Genetics, El Monte, CA*

Oct. 2020 – Present

- Designed and developed a primer management system and a daemon to assist lab technicians design and track primers and to automate the bioinformatics analysis and qPCR data review process.
- Troubleshooted, debugged, configured, and built enhancements within the company's lab information management system and enterprise COVID-19 testing and vaccine management system.
- Developed automated statistics emails used by lab, project management, client services, and upper management to control quality, meet testing turnaround times, and make valuable decisions.
- Implemented product integrations, internal APIs, and general patches across the stack using Vue.js, Angular.js, Node.js, Express.js, Oracle DB, MySQL, RabbitMQ, and modules including Nodemailer.

### 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, C++, Python, Java, SQL, Vue.js, Angular.js, HTML, CSS, Node.js, Express.js, MySQL, Oracle, MongoDB, RabbitMQ, AWS, PM2, Git, Bitbucket, Jira

## PROJECTS

### 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.

### 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.