EUGENE TED KIM

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

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, 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

Sweet Song of Mine   Nov. 2020 - Jan. 2022
- Developed and deployed an e-commerce website, 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.