

Eugene Kim

Full Stack Software Engineer

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Relevant Experience

Software Engineer @ Fulgent Genetics

Oct. 2020 – Present // El Monte, CA

- ▶ Implemented daemons utilizing the producer/consumer model, RabbitMQ, MongoDB, Express.js, and Oracle database to automate complex lab workflows and drastically reduce manual work and human errors.
- ▶ 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 ensuring smooth operations and productivity.

Natural Language Processing,

Cloud Engineering, & Database Programmer

Student Assistant @ Information Technology Services - California State University, San Bernardino

Jan. – Jun. 2020 // San Bernardino, CA

- ▶ 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

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, HTML, CSS, Node.js, Axios, Vuex, Redux, Express.js, MySQL, Oracle, MongoDB, RabbitMQ, AWS, PM2, Git, Bitbucket, Jira

Projects

GPUs 4 All

- ▶ 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.js and MySQL.

Sweet Song of Mine

- ▶ 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.