Web Portfolio: joshrhee.com
GitHub: github.com/joshrhee

Sang June Rhee
Atlanta, Georgia 30318

joshua999995@gmail.com
srhee34@gatech.edu

Education

Georgia Institute of Technology   *May 2020 – Present*
Bachelor's Degree: Computer Science   Expected Graduation, May 2024

Skills

Programming Language / Frameworks: Python, Typescript, JavaScript, React, Next.js Three.js, D3, Node.js, Golang, Swift, Java
Clouds/Technologies: MongoDB, AWS (Lambda, API-Gateway, EC2, S3, DynamoDB, Firehose, RDS, CDK), Figma, Unity
Standout Coursework: Cloud Computing, DevSecOps for Cloud Computing, Computer Vision, Computer Graphics

Experience

Software Engineer Intern | *Samsung Electronics*   *June 2023 – August 2023*
• Optimized workload of **300**-member engineer team's operations by creating an automated CI/CD dashboard. It rapidly builds, deploys, and releases Docker images, boosting productivity.
• Tailored the deployment tool to meet the **Vice President's** reporting needs, aiding data-driven decisions. Supported critical customer meetings through system enhancements.
•Managed Dashboard operations for real-time deployment status using **React.js**, **TypeScript**, **React-Query**, **Python**, **Flask**, **WebSocket**, **MongoDB**, **Jenkins**, **Docker**, **Chakra-UI, SCSS, Figma, Perforce(P4),** addressing technical challenges for code scalability and user experience.

Software Engineer | *Queues*   *August 2022 – March 2023*
• Amplified the scalability of the Dashboard's university information by an impressive **50%**, utilizing **React.js, JavaScript**, and **Redux.**
• Enhanced the efficiency of API requests by **50%** through strategic edits to the API router, resulting in a more streamlined data retrieval process with **Python, Flask, AWS EC2**, and **MongoDB**.
• Resolved latency issues in the Dashboard's User Interfaces stemming from asynchronous data fetching. This was accomplished through a meticulous overhaul of the Frontend component architecture.

Quality Assurance Engineer Intern | *Amazon*   *May 2022 – August 2022*
• Devised a comprehensive test plan for Amazon Alexa's music request service that is requested **92k** per month, significantly reducing monthly service-related bugs.
• Rewrote the team's automation testing scripts, leading a remarkable **90%** increase in automation test pass rates. Implemented with **Java, AWS EC2**.
• Elevated my proficiency in Testing Plan development, specializing in highly specific and infrequent test scenarios. Actively participated in mentor's review processes, gaining a diverse perspective on testing strategies.

Software Engineer Intern | *Itential*   *January 2022 –May 2022*
• Pioneered the development of an internal tool for the main platform, resulting in **15%** reduction in employee manual efforts. This tool efficiently retrieved information from the platform, automating updates to the Confluence pages. Skillfully executed with React **React.js**, **JavaScript**, **Node.js**, and **MongoDB**.
• Implemented **Python** script that streamlined a specific type of network device's native configuration conversion, saving **30%** of employee manual labor
• Minimized the latencies for the tool by optimizing the database schema and refining the Frontend architecture.

Leadership

Squad Leader of Combat Medic | *South Korea Army*   *December 2015 –September 2017*
• Led **7** combat medics, fostering a culture of excellence through one-on-one mentoring and collaborative teamwork to provide **Top-tier services to customers**.
• Supervised and directed medical procedures alongside doctors in both training and real situations.
• Conducted comprehensive team debriefs to dissect daily challenges, paving the way for **continuous improvement** and **future successes**.