

Web Portfolio: [joshchee.com](https://joshchee.com)

GitHub: [github.com/joshchee](https://github.com/joshchee)

**Sang June Rhee**

Atlanta, Georgia 30318

[joshua999995@gmail.com](mailto:joshua999995@gmail.com)

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## Education

**Georgia Institute of Technology**

Bachelor's Degree: Computer Science

May 2020 – Present

Expected Graduation, May 2024

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## 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

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## Experience

**Amazon | Seattle, WA**

May 2022 – August 2022

**Position:** Quality Assurance Engineer Intern / Software Development Engineer Intern

- Wrote an Amazon Alexa's music request service's test plan fixed bugs for that service that is requested **92k** per month in the US with **Java**, **AWS EC2**.
- Re-wrote Amazon Music Voice Experience team's automation testing scripts and improved automation tests' passing rate up to **90%** with **Java**, **AWS EC2**.
- Improved my Testing Plan skillsets with thinking highly specific and infrequent test scenarios, and reviewing other QA's test plan helped me approach the task in diverse perspective.

**Samsung Electronics | Seoul, South Korea**

June 2023 – August 2023

**Position:** Software Engineer Intern

- Implemented vRAN automation team's CI/CD dashboard that can automatically build, deploy, and release the team organization's Docker images to reduce more than **300 engineers'** manual job.
- Add new feature that manage Docker Images' deployments, and releases histories to help **Vice President's** job.
- Maintained the dashboard Frontend asynchronous data fetching gracefully with readable code and add new feature that shows deployment status in real-time with using **React.js**, **TypeScript**, **React-Query**, **Python**, **Flask**, **WebSocket**, **MongoDB**, **Jenkins**, **Docker**, Chakra-UI, SCSS, Figma, Perforce(P4).

**Queues | Atlanta, GA**

August 2022 – March 2023

**Position:** Software Engineer (Part-time)

- Scaled the Dashboard's universities information in GA area by **50%** with **React.js**, **JavaScript**, and **Redux**.
- Edited API router to pull more important data so can reduce **50%** of API request with **Python**, **Flask**, **AWS EC2**, **MongoDB**.
- Minimized the delay in the Dashboard User Interfaces which was caused by asynchronous data fetching and fixed this issue with editing the Frontend component architecture.

**Itential | Atlanta, GA**

January 2022 – May 2022

**Position:** Software Engineer Intern

- Reduced **15%** of employee's manual work by creating an internal tool for the Itential Automation Platform to retrieve information from the platform and automatically updating the Confluence page with **React.js**, **JavaScript**, **Node.js**, and **MongoDB**.
- Created a script that reduced **30%** of employee's manual work which converts a specific type of network device native configuration to other types with **Python**.
- Minimized the latencies for the tool by modifying the database schema and adjusting the Frontend architecture.

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## Projects

**Credit Card Tracker Generator**

- Implemented a service that automatically track all my credit card usage and wrote all the information on excel file to reduce my daily credit card usage tracking job.
- Automated filling credit card information, pulling down all card usages, and uploading the file to the Google Drive.
- Used **React.js**, **JavaScript**, **Golang**, **AWS (Lambda, API-Gateway, S3, Kinesis Firehose)**, and Plaid (fintech service).
- GitHub link: <https://github.com/joshchee/Finance-Tracking-App>