Reece Gao

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Employment

Salesforce - Software Engineer   August 2021 - January 2023
- Improved and maintained a feature-rich notification service used by internal and external Salesforce users to create customizable notifications to be delivered via multiple delivery channels.
- Led efforts to refactor notification component from an older UI framework to a newer Web Component standard, **improving performance by ~20%** and allowing for the component to be consumed in no-code site builders. Facilitated collaboration between multiple stakeholder teams to ensure timely completion. **New component is consumed by ~30 sites.**
- Utilized metrics service in Java to **publish over 40 different metrics** related to a new custom notification creation workflow. Developed a Grafana dashboard to view and monitor these metrics.

Salesforce - Software Engineer Intern   May 2020 - August 2020
- Authored VSCode extension **in TypeScript** to provide teams with a playground environment for UI component metadata, enabling users to view live changes to UI components without having to leave VSCode. **Utilized by more than 20 teams**.
- Presented on the team's mission and work, showcasing the new VSCode extension to more than 100 people.

Georgia Institute of Technology - Teaching Assistant   January 2019 - May 2021
- Teaching Assistant for Georgia Tech's Data Structures and Algorithms course (CS 1332).
- Lead weekly recitations with over 40 students. **Coursework taught in Java.**
- Graded and corrected student code submissions.
- Hosted office hours 10 hours weekly and answered student questions online. **Kept average response times under 3 minutes.**

Sabre Corporation - Software Engineer Intern   May 2019 - August 2019
- Coordinated with multiple teams across the world to push improvements to Sabre Sonic Inventory, a web application used by many airline companies to track and monitor inventory on flights.
- Designed and implemented a new modal component in **React.js** which was used to alert users of unsaved changes in **more than 10 workflows across the application.**

Education

Georgia Institute of Technology – B.S. in Computer Science with Highest Honors   May 2021
Relevant Coursework: Data Structures and Algorithms, Computer Organization, Objects and Design, Design of OS, Computer Networks.

Projects

reecegao.dev - Owner   June 2023
- Designed and built a personal website to showcase portfolio. Initial concept and design done in **Figma** and built site with **ViteJS, HTML, CSS, and JavaScript.**

Chipotle Rewards Optimizer (chipotlerewards.best) - Owner   July 2023
- A web-app implemented using **React.js, JavaScript, HTML, CSS,** and Google Maps API that enables users to get the most value out of their Chipotle rewards points at nearby locations. Hosted and deployed on **Netlify.**

Skills

- **Experienced in: Java, JavaScript**
- Familiar with: Python, C, TypeScript
- **Front-end technologies: React.js, Lightning Web Components (LWC)**
- Other tools: Git, IntelliJ, VSCode
- Soft Skills: Communication, Teamwork, Collaboration, Flexibility

Awards

Undergraduate Teaching Assistant Award   August 2021
Recognized for outstanding work and dedication to students by the Georgia Tech College of Computing Awards Committee