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 (desktop, mobile, Slack).
- ❖ Developed and improved frontend components built in LWC and Aura (JavaScript) and backend work in Java Spring**.**
- ❖ Led efforts to refactor notification component from an older UI framework (Aura) to a newer standard (LWC) **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 and design was done in **Figma** and built site with **ViteJS, HTML, CSS, and JavaScript**

Bolt Grading Tool – Contributor
August 2019

- ❖ Contributed updates to the grading tool used by fellow data structure and algorithm TAs to grade student code submissions. **Using React.js,** developed functionality to enable the application to track the scroll state between unique student code submissions.

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