

Education

University of Wisconsin-Madison **GPA: 3.96** **Sep 2018 – May 2022**

- B.Sc. in Computer Science with Minor in Digital Studies.

Employment

Software Engineer, Intern **Expedia Group** **June 2021 – Aug 2021**

- Design, document, and implement a user support feature that simplifies user flow using **React**, **TypeScript**, **MobX** and **REST API** calls in a **CI/CD** and **agile** workflow.
- Implement back-end API using **Java** and **Spring Boot** that connects front-end to external REST APIs.
- Develop unit tests using **Jest** with **React Testing Library** and perform integration tests to ensure code quality.

Peer Mentor (Programming II) **University of Wisconsin-Madison** **Jan 2021 – May 2021**

- Coordinated with teaching assistants in helping 40+ students per week improve their grades by tutoring course concepts and providing aid to students' projects during consulting hours.

Technical Projects

Meal Planning and Recipe App UX Case Study **April 2021 – May 2021**

- Defined product roadmap through UX research techniques - **cultural probe** and iterate the design process through **heuristic evaluation** and **cognitive walkthrough** using **Figma**.
- View project details here: SunandaGoh.com/eatsy

Course Communication Web App UX Case Study **Feb 2021 – April 2021**

- Redesigned a course management web application by understanding users through conducting **contextual inquiry** and building storyboards, wireframes and prototypes.
- Designed front-end components iteratively using **Figma** and conducted **usability testing**.
- View project details here: SunandaGoh.com/query

Shopping Assistant AI Chat Bot **Dec 2020 – Dec 2020**

- Developed a build once, deploy anywhere conversational agent that enhances customers' shopping experience using Google's **DialogFlow**, connected to a clothing retail website using React Hooks written in **JavaScript**.
- Designed the chat bot through experience prototyping and performed **usability testing**.

Meal Tracking Mobile App **Nov 2020 – Dec 2020**

- Implemented a meal tracking mobile app that promotes healthy eating habits using **React Native** and retrieving user's data using **REST API** with a focus in accessibility features to widen user base.
- Designed front-end UI components using paper and interactive prototyping using **Adobe XD**.

Course Enrollment Web App **Sep 2020 – Nov 2020**

- Developed a Single Page App through data fetched from **REST API** using **React JavaScript** and **Bootstrap**.
- Designed front-end UI with **Adobe XD** and enhanced usability through **heuristic evaluation**.

Network Visualizer App **Nov 2019 – Dec 2019**

- Developed network visualizer app using **Java** and **JavaFX** and led the team in using GitHub.
- Implemented **JUnit Tests** to reduce errors and ensure high code quality.