

Edmund Xin

San Jose || 913-617-0133 || edmund@gatech.edu || <https://edmundxin.me>

EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science, GPA: 3.78

- Threads: Information Internetworks and System Architecture

Atlanta, GA

Aug 2020-May 2024

SKILLS

Technical Skills

Languages: TypeScript, JavaScript, Python 3, Java, C++, Rust

Technologies: ReactJS, Vue, Tailwind CSS, Chakra UI, Rest API, React Query, Express, NodeJS

EXPERIENCE

Tesla

Software Engineering Intern

Fremont, CA

Aug 2022-Present

- Maintained **React** application that optimizes the purchasing of parts for Tesla's Global Supply Managers and automate the process of supplying parts in the supply chain
- Implemented graph and map data visualization using the **visx** library and table data using **React Table** library
- Migrated application's frontend library from **Styled Components** to **Tailwind CSS**
- Used by over 400 Global Supply Managers to aid in negotiation of pricing for car parts

Apple

Software Engineering Intern

Sunnyvale, CA

May 2022-Aug 2022

- Prototyped a **no-code** application to allow Apple internal business stakeholders configure using the **Vue** JavaScript library
- Used **HTML Drag and Drop** API to facilitate an intuitive user experience for a non-technical userbase
- Developed a **JavaScript SDK** to integrate chat window into internal Apple organization websites
- Embedded **payment form** into **Ask Apple** to increase user retention

Streamr Network

Software Engineering Intern

Remote

May 2021-Aug 2021

- Streamlined our **Network Explorer** application through replacing a deprecated chart library with **Recharts** library
- Designed and prototyped a chat application using **React** and **TypeScript** with **Streamr-Client** for receiving live data
- Created a **CLI tool** called create-streamr-app to create templates for Streamr applications

HexLabs

Tech Team

Atlanta, GA

Feb 2021-Present

- Spearheaded the migration of HexLab backend services to a centralized **monorepo** for increased maintainability
- Acted as project lead for our **Admin Dashboard** application which combines data of **+1500 participants** of HackGT
- Used **React Table** and **React Query** to display scoring data of projects for HexLabs's judging platform

Bits of Good

Engineering Manager

Atlanta, GA

Jan 2021-Present

- Led a development team to maintain non-profit organization applications and internal applications for the Bits of Good organization
- Implemented course search feature using **webscraper API** to aggregate course information
- Deployed non-profit organization NextJS applications using **Vercel** and **Microsoft Azure**
- Developed a **authentication service** with OAuth 2 and Express for a **React-Native** mobile application

PROJECTS

Youtube Syncer

Sole Creator

<https://git.io/JtQDR>

Feb 2021

Full-stack application that has an embedded Youtube player that syncs between all instances of the client.

- Uses a **React** frontend and custom buttons that control the video player using the **Youtube API**
- Has **Express** server built with **NodeJS** which uses **Socket.io** for web sockets

Weatherboy

Sole Creator

<https://git.io/JUqfn>

Jun 2020

Weatherboy is a weather application that changes the background image according to the city that is searched

- Weekly forecast and current temperature requested from **OpenWeatherAPI**
- Utilized **Splash API** to get a background image with city searched as a keyword
- React with styled-components to utilize transparent components