Edmund Xin

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EDUCATION

Georgia Institute of Technology — Atlanta, GA
Bachelor of Science in Computer Science, GPA: 4.0 — *Aug 2020-Dec 2023*

- Threads: Information Internetworks and Systems Architecture

EXPERIENCE

Bits of Good — Remote
Software Developer — *Jan 2021-Present*
Working on a team to build a web application in an **Agile** development process for a nonprofit called Healthy Families Healthy Future

- The frontend uses **Gatsby** and the backend uses **Contentful** for CMS with **GraphQL** for our API calls
- I worked on recipe filtering and pagination for displaying the recipes page and making the website mobile friendly
- The application will provide recipes and resources for thousands of families in need throughout the North Carolina area

Developer Student Club at Georgia Tech — Remote
Project Lead — *Dec 2020-Present*
Helping other Georgia Tech organizations build websites or web applications to be submitted for Google 2021 Solution's Challenge

- Leading a team of 3 developers to design and develop the Georgia Tech EMS website using **React**
- The backend server uses **Node**/**Express** and **Apollo Server** to enable **GraphQL** query and mutations calls for our **MongoDB** database
- Allows for Georgia Tech EMS to better recruit new members and also features a map in which Georgia Tech students can report medical incidences allowing others to see where they are occurring

PROJECTS

Youtube Syncer — https://git.io/JtQDR
Sole Creator — *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 — https://git.io/JUqfn
Sole Creator — *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

LEADERSHIP

Big Data Big Impact @ Georgia Tech — Remote
Data Visualization Lead — *Feb 2021-Present*
Coordinated with engineering leads on building and architecting data visualization solutions for our projects

- Hosting weekly technical workshops on frontend development topics to help new developers get up to speed
- Contributing to the codebase of each project as needed
- Providing support for technologies like **React**, **D3.js**, and general frontend development

Georgia Tech Career Center — Atlanta, GA
Student Advisory Board — *Dec 2020-Present*
Serving as liaisons to students and the Georgia Tech Career Center, assisting in employer and student outreach, and volunteering at career fairs.

SKILLS

Technical Skills

Languages: JavaScript, HTML/CSS, Python 3, Java, C++
Technologies: ReactJS, Git, Rest API, GraphQL, Express

Honors and Awards

Eagle Scout, Faculty Honors, AP Scholar with Distinction, Golden State Merit Diploma