

Edmund Xin

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Ongoing Coursework:

- CS1331 Introduction to Object Orientated Programming

Atlanta, GA

Aug 2020-May 2024

Lynbrook High School

High School Diploma, U/W GPA: 3.98

San Jose, CA

Aug 2016-Jun 2020

SKILLS

Technical Skills

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

Technologies: ReactJS, Git, Material-UI, Redux, NodeJS

Soft Skills

Bilingual Communicator(English, Mandarin), Leadership, Teamwork, Adaptability

EXPERIENCE

Project Beck

Software Engineer Intern

Remote

Jul 2020-Sep 2020

Student-run startup focused on developing a mobile application to address mental health

- Developed landing and about page for the Project Beck website using **React**
- Cooperated with a team of 10 developers using **Github**
- Utilizes PHQ-9 questionnaire to quantify depression symptoms

COSMOS, Machine Learning Cluster

Summer Intern

University of California, Santa Cruz

Jun 2019-Aug 2019

Developed a machine-learning algorithm to categorize tweets into whether or not it was relevant to a natural disaster

- Analyzed preprocessed data with a Naive Bayes Logarithmic regressions written **Python**
- Collaborated in a group of 4 people and presented findings to a group of 60 students
- Tested with an 81% accuracy in categorizing tweets

PROJECTS

Group Chat Analyzer

Sole Creator

<https://git.io/JUqfc>

May 2020

Group Chat Analyzer parses and displays data about message logs from JSON data downloaded from Facebook Messenger

- Styled with **Material-UI** design system
- **Data visualization** using ChartJS and table to display data

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

LEADERSHIP

Lynbrook SMYLE

Student Mentor

San Jose, CA

Apr 2019-Nov 2019

Co-taught classes of 6 elementary school students basic computer science concepts with Python and Scratch Programming

Language

Boy Scouts of America

Eagle Scout

San Jose, CA

Apr 2018-Sep 2018

Instructed and organized a group of 30 scouts to build 2 picnic tables for the Central Church of the Nazarene to earn the rank of Eagle Scout