

Edmund Xin

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EDUCATION

Georgia Institute of Technology
Bachelor of Science in Computer Science

Atlanta, GA
Aug 2020-May 2024

Ongoing Coursework:

- CS1331 Introduction to Object Orientated Programming

Lynbrook High School
High School Diploma, U/W GPA: 3.98

San Jose, CA
Aug 2016-Jun 2020

Relevant Coursework:

- AP Computer Science A
- AP Physics C: Mechanics
- AP Calculus BC

EXPERIENCE

Project Beck
Software Engineer Intern

Remote
Jul 2020-Present

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

- Developed using React Native for mobile application
- Utilizes PHQ-9 questionnaire to quantify depression symptoms

COSMOS, Machine Learning Cluster
Student

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 in Python
- Collaborated in a group of 4 people and presented findings with a research poster
- Tested with an 81% accuracy in categorizing tweets

PROJECTS

Group Chat Analyzer

May 2020

Group Chat Analyzer parses and displays information from JSON data downloaded from Facebook Messenger

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

Weatherboy

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

With another tutor, 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

SKILLS

Technical Skills

Languages

Python 3, Java, C++, JavaScript(ES6), HTML,
CSS, \LaTeX

Technologies

ReactJS, Material-UI, Redux, Bootstrap 4, NodeJS

Soft Skills

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