

Edmund Xin

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Atlanta, GA

Aug 2020-May 2024

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

- Used a Naive Bayes Logarithmic regressions as model for categorization
- Python with libraries like nltk and SciKitLearn were primarily used
- 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

- Used Material-UI design system for styling
- Data visualization using ChartJS and table to display data

Weatherboy

Jun. 2020

Weatherboy is a weather application that has a dynamic background which matches with city searched

- Weekly forecast and currently temperature requested from OpenWeatherAPI
- Splash API used to get background 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

Taught a classes of 6 elementary students basic computer science concepts with Python and Scratch Programming Language

Boy Scouts of America

Eagle Scout

San Jose, CA

Apr. 2018-Sep. 2018

Earned the rank of Eagle Scout by performing a service project of building picnic tables for the Central Church of the Nazarene that took about 130 hours of planning and execution

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