Edmund Xin

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EDUCATION

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science in Computer Science   *Aug 2020-May 2024*

Relevant Coursework:
- CS1331 Introduction to Object Orientated Programming

Lynbrook High School   San Jose, CA
High School Diploma, U/W GPA: 3.98   *Aug 2016-Jun 2020*

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

EXPERIENCE

Project Beck   Remote
Software Engineer Intern   *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   University of California, Santa Cruz
Student   *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 libaries 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   San Jose, CA
Student Mentor   *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   San Jose, CA
Eagle Scout   *Apr. 2018-Sep. 2018*

Earned the rank of Eagle Scout by performing a service project of building picnic tables for the safety of patrons at the Central Church of the Nazarene.

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, Adaptbility