

# Edmund Xin

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## EDUCATION

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### 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

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### Project Beck

*Software Engineer Intern*

San Jose, CA

*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

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### 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

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### 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 safety of patrons at the Central Church of the Nazarene.

## SKILLS

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### Technical Skills

#### Languages

Python 3, Java, C++, JavaScript(ES6), HTML,  
CSS,  $\text{\LaTeX}$

#### Technologies

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

### Soft Skills

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