

# 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*

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

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### 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

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### 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 currently 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

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### 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*

Earned the rank of Eagle Scout by performing a service project of building picnic tables for the Central Church of the Nazarene leading and organizing a group of 30 scouts for the project

## 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