

# Ivan Lei

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## EDUCATION

**College of Staten Island, City University of New York (CUNY)**

Bachelor of Science, Computer Science

**Staten Island, NY**

Expected Fall 2021

**Dean's List Honor Roll Spring 2020 | Cumulative GPA: 3.64/4.00**

**Relevant Coursework:** C++ Programming, Data Structures, Object-Oriented Software Design, Algorithms, Discrete Structures

## SKILLS

**Programming:** JavaScript, C++, Java, React, Express.JS, Ruby, Bash

**Technologies:** Git/GitHub, PostgreSQL, Heroku, Ruby on Rails, Node.JS

**Operating Systems:** Linux, Windows

## PROFESSIONAL EXPERIENCE

### Occupier

**New York, NY**

*Software Engineer Intern*

*June 2020 – August 2020*

- Contributed directly to web application software to develop new features for a Beta V1 launch
- Wrote End-to-end and Unit tests using Cypress and Jest respectively, increasing testing suite by 20%
- Collaborated with senior engineers on developing new features based off of Clubhouse.io to track user stories
- Followed Test Driven Development practices to decrease time spent tracking and fixing bugs which allowed company to save \$100,000

### Staples

**New York, NY**

*Easy Tech*

*September 2019 – June 2020*

- Provided Operating system, data, and software support on computers to 1000+ users
- Solved workflow efficiency deficit by restructuring time management which led to an increase in profits by 15% and customer satisfaction increased by 25%

## Projects

### CTPHacks

**New York, NY**

*Team Lead*

*June 2020 – August 2020*

- Led a team of 3 to develop a technical homework submission extension for VS Code that streamlines the disparity of students submitting computer science assignments from different operating systems
- Constructed full-stack instructor web portal using ReactJS for frontend and NodeJS and PostgreSQL for backend

### Notes App

**New York, NY**

*Project Lead*

*June 2020 – August 2020*

- Utilized Ruby on Rails web application framework to create a full-stack, RESTful, CRUD application, allowing users to create and manipulate web posts
- Developed full application testing suite to reduce possibility of bugs and decrease maintenance time

### Fitness Tracker App

**New York, NY**

*Team Lead*

*May 2020 – June 2020*

- Oversaw a team of 4 to implement a food/exercise app for users to track daily food, nutrition, and calories
- Championed backend development using NodeJS to send user data to the database with PostgreSQL

### COVID-19 Tracker

**New York, NY**

*Project Lead*

*March 2020 – April 2020*

- Created a tracker using a web-based API to track confirmed cases, recoveries, and deaths globally as well as each country individually to increase access to accurate, up to date information on the pandemic for 100+ users
- Leveraged ReactJS and MaterialUI to create and design the webpage using cards, bar charts, and line charts

## LEADERSHIP EXPERIENCE

### CUNY Tech Prep

**New York, NY**

*Software Developer Student*

*June 2020 – Present*

- Selected for a technical training program, as one of 183 students out of 400+ applicants
- Learning in-demand technologies like Python 3, Jupyter Notebooks, Pandas, Numpy, Scikit-learn, PyTorch, and SQL as well as industry best practices for exploratory data analysis (EDA), feature engineering, data collection and processing, statistical modeling, data visualization, machine learning techniques, data science process, and big data