

Ivan Lei

(718) 313-8873 | ilei0893@gmail.com | Staten Island, NY | <https://github.com/ilei0893> | [linkedin.com/in/ivan-lei/](https://www.linkedin.com/in/ivan-lei/)

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, Node.JS, Express.JS, Ruby, Bash

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

Operating Systems: Linux, MacOS, Windows

PROFESSIONAL EXPERIENCE

Occupier

New York, NY

Software Engineer Intern

June 2020 – Current

- 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

COVID-19 Tracker

New York, NY

Project Lead

March 2020 – January 2021

- 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

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

Project 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

LEADERSHIP EXPERIENCE

CUNY Tech Prep

New York, NY

Software Developer Student

June 2020 – January 2021

- 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