

# Ivan Lin

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1675 68th St, Brooklyn NY 11204

## EDUCATION

### STONY BROOK UNIVERSITY | BS COMPUTER SCIENCE

Stony Brook, New York | May 2020

Honors College, Computer Science Honors

GPA: 3.87

### STUYVESANT HIGH SCHOOL

New York, New York | May 2016

GPA: 94.68

## EXPERIENCE

### SWEETIST CO | New York, NY

#### FULL STACK SOFTWARE DEVELOPER INTERN

June 2017 – August 2017

- Created a system for querying, comparing, and displaying large blocks of shipment data
- Collaborated with the marketing team to enact website design changes in HTML and CSS
- Wrote unit tests, fixed bugs, and implemented features using Javascript and Ruby on Rails

### NETWORK FOR TEACHING ENTREPRENEURSHIP | New York, NY

#### ENGINEERING MENTOR

July 2016 – August 2016

- Mentored students in programming and mobile application development

#### SOFTWARE ENGINEER

July 2015 – August 2015

- Lead development of a mobile Android application using HTML, CSS, and Javascript with Apache Cordova

## ACTIVITIES

### STONY BROOK UNIVERSITY | Stony Brook, NY

#### TEACHING ASSISTANT: COMPUTER NETWORKS

August 2018 – Present

- Designed, wrote, and graded programming assignments based on class material
- Answered network and programming questions, hosted office hours, and taught Python tutorial classes

#### STUDENT RESEARCHER

May 2018 – August 2018

- Tested and visualized the ability of generative adversarial networks to develop stronger classifiers at different training sizes using Python, Tensorflow, and matplotlib

### STONY BROOK SOLAR RACING TEAM | Stony Brook, NY

#### DATA ACQUISITION LEAD

September 2017 – Present

- Developed an Arduino sensor, datalogging, and display system for motor rotation, speed, and location

VICE PRESIDENT (AUGUST 2018 - PRESENT) · SECRETARY (AUGUST 2017 - MAY 2018)

## PROJECTS

### DIRECTWRITER | C

[github.com/ivlin/DirectWriter](https://github.com/ivlin/DirectWriter)

Tool for quickly editing filenames in Linux. Displays a file tree as an editable text file in-terminal and any name changes will be reflected in the real directory structure.

### GRAPHIT | JAVA

[github.com/ivlin/GraphIt](https://github.com/ivlin/GraphIt)

An interactive graphing utility that allows a user to click on a graph and its nodes to add, remove, or move points. The graph respond by graphically visualizing statistical measures about the dataset.

### C.R.E.A.M. SERVER | C

[github.com/ivlin/CREAM\\_Server](https://github.com/ivlin/CREAM_Server)

Low-level implementation of a multi-threaded server that stores and caches key-value pairs

### NEARBY NY | HTML, CSS, JAVASCRIPT

[github.com/ivlin/Nearby-NY](https://github.com/ivlin/Nearby-NY)

Curated event-listing and sharing platform aimed at students. Done initially as a web application and converted to an apk using Apache Cordova.

## SKILLS

	Experienced	Comfortable
DESIGN	HTML, CSS	LaTeX
TECHNICAL	Java, JavaScript, C, Ruby on Rails, Python	SQLite, MongoDB