

# Ivan Lin

ivlin112@gmail.com | (917) 680 - 2208 | [github.com/ivlin](https://github.com/ivlin) | [ivlin.github.io](https://ivlin.github.io)  
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: 3.83

### STUYVESANT HIGH SCHOOL

New York, New York | May 2016

GPA: 4.0

## 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 coloring and design changes
- Wrote features, fixes, and unit tests for items in the icebox, development, and testing phases

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

#### ENGINEERING MENTOR

July 2016 - August 2016

- Mentored students in programming and mobile application development

#### ENGINEER

July 2015 - August 2015

- Lead software development of a mobile application using Apache Cordova

## PROJECTS

### DIRECTWRITER | C

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

Tool for quickly editing filenames in-terminal for Linux

### GRAPHIT | JAVA

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

GraphIt is 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 display 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

## ACTIVITIES

### STONY BROOK SOLAR RACING TEAM | SECRETARY, DATA ACQUISITION LEAD

Fall 2017

- Kept records, supervised general body members, other secretarial and executive board duties
- Implemented an Arduino sensor and datalogging system - includes motor rotation sensor, GPS speedometer, SD card logger, and digital display

### STONY BROOK HONORS COLLEGE | TEACHING ASSISTANT

Fall 2017

- Supported and guided new students transitioning to college

## SKILLS

#### SOFTWARE DESIGN TECHNICAL

#### Experienced

Git  
HTML, CSS  
Java, JavaScript, C, Ruby on Rails, Python

#### Comfortable

Creo Parametric, Autocad Inventor  
L<sup>A</sup>T<sub>E</sub>X  
SQLite, MongoDB

## COUSEWORK

#### COMPLETED

Software Development, Computer Security, Systems Fundamentals, Computer Graphics, Computational Geometry, Technical Writing

#### IN PROGRESS

Machine Learning, Computer Networks