

Ivan Lin

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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
- 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

SOFTWARE ENGINEER

July 2015 – August 2015

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

ACTIVITIES

STONY BROOK UNIVERSITY | Stony Brook, NY

TEACHING ASSISTANT: COMPUTER NETWORKS

August 2018 – Present

- Wrote and graded programming assignments while helping students by holding Python lessons and answering questions in office hours

STUDENT RESEARCHER

May 2018 – August 2018

- Created a semisupervised model to test and visualize the effects of generative adversarial networks on developing stronger classifiers on smaller training sets

TEACHING ASSISTANT: INTRODUCTION TO STONY BROOK

July 2017 - December 2017

STONY BROOK SOLAR RACING TEAM | Stony Brook, NY

DATA ACQUISITION LEAD

September 2017 - Present

- Implemented an Arduino sensor and datalogging system for motor rotation, speed, SD card logging, and display

VICE PRESIDENT

September 2018 - Present

SECRETARY

September 2017 - May 2018

PROJECTS

DIRECTWRITER | C

github.com/ivlin/DirectWriter

Tool for quickly editing filenames in-terminal for Linux

GRAPHIT | JAVA

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

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

SKILLS

DESIGN
TECHNICAL

Experienced

HTML, CSS

Java, JavaScript, C, Ruby on Rails, Python

Comfortable

TEX

SQLite, MongoDB