

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: 9.83

EXPERIENCE

STONY BROOK UNIVERSITY COMPUTER SCIENCE DEPT | Stony Brook, NY

STUDENT RESEARCHER

May 2018 – Present

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

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

SOFTWARE ENGINEER

July 2015 – August 2015

- Lead software development of a mobile application using Apache Cordova

PROJECTS

DIRECTWRITER | C

github.com/ivlin/DirectWriter

Tool for quickly editing filenames in-terminal for Linux

GRAPHIT | JAVA

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 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

ACTIVITIES

STONY BROOK SOLAR RACING TEAM

VICE PRESIDENT

July 2017 – Present

- Responsible for supervising

DATA ACQUISITION LEAD

September 2017 – Present

- Implemented an Arduino sensor and datalogging system - includes motor rotation sensor, GPS speedometer, SD card logger, and digital display

SECRETARY

September 2017 – May 2018

- Kept records, took minutes, arranged meetings, shared information with the school and student body

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^AT_EX
SQLite, MongoDB