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

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
- Worked with other executive members on tasks such as writing budget proposals, scheduling meetings, and supervising the general body

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 — July 2017 - December 2017
- Supported and guided new students transitioning to college

SKILLS

	Experienced	Comfortable
Software	Git	Creo Parametric, Autocad Inventor
Design	HTML, CSS	LaTeX
Technical	Java, JavaScript, C, Ruby on Rails, Python	SQLite, MongoDB