

Ivan Lin

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Education

Stony Brook University

BS COMPUTER SCIENCE, APPLIED MATHEMATICS AND STATISTICS

Honors College, Computer Science Honors

GPA: 3.87

Stony Brook, New York | May 2020

Pohang University of Science and Technology (study abroad)

Pohang, South Korea | Spring 2019

Stuyvesant High School

GPA: 94.68

New York, New York | May 2016

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
- Developed a delivery tracking application that communicated with the online store

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

STUDENT RESEARCHER

May 2018 – August 2018, January 2019 - Present

- Reported on the capabilities and limitations of osquery
- Compared the ability of semisupervised generative adversarial networks with Tensorflow and matplotlib

TEACHING ASSISTANT: COMPUTER NETWORKS

August 2018 – December 2018

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

Stony Brook Solar Racing Team | Stony Brook, NY

DATA ACQUISITION LEAD

September 2017 - December 2018

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

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

Projects

DirectWriter | C

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

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

Nearby NY | HTML, CSS, JAVASCRIPT

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 and Coursework

	Experienced	Comfortable
DESIGN	HTML, CSS	L ^A T _E X
TECHNICAL	Java, JavaScript, C, Ruby on Rails, Python	SQLite, MongoDB, Tensorflow
COURSEWORK:	Algorithms, Networks, Databases, Machine Learning, Operating Systems, Computer Security	