

Ivan Lin

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Education

Stony Brook University

Stony Brook, New York | May 2020

BS COMPUTER SCIENCE, APPLIED MATHEMATICS AND STATISTICS

Honors College, Computer Science Honors

GPA: 3.87

Pohang University of Science and Technology (study abroad)

Pohang, South Korea | Spring 2019

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 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

GAN Testing | PYTHON

github.com/ivlin/GAN_test

A playground for testing with generative adversarial networks using tensorflow, including car image generation and comparisons between semisupervised discriminators and supervised classifiers.

Skills and Coursework

	Experienced	Comfortable
DESIGN	HTML, CSS	LaTeX
TECHNICAL	Java, JavaScript, C, Ruby on Rails, Python, Linux	SQL, Mongo, Tensorflow
COURSEWORK:	Algorithms, Networks, Languages, Machine Learning, Operating Systems, Security	