Victor Siu

Software Engineer

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EXPERIENCE

Google Mentorship Program

Dec 12,2019 – June 16, 2020

A program run by Stuyvesant that allows students to connect with mentors at Google to create their own projects. I managed the codebase and did research on various web scraping and backend technology in Python.

Spectator Web Editor

Jan 10, 2019 – June 2020

I manage our school newspaper's 3 repositories utilizing React and Ruby on Rails. I also facilitate the uploading of all our articles to the main website.

STEM Kids NYC—Teaching python skills

June 28, 2019 – August 19, 2019

I taught kids aged 9–15 basic python skills and was able to get them all to make real-world projects within a span of 6 weeks.

Stuyhacks Design Director

Jan 3, 2019 – June 2020

I help run Stuyvasant's bi-annual hackathons website-wise and design-wise. I help create the banners, t-shirts, and stickers for the event.

PROJECTS

EZCar — *React + Flask app for Car Comparison*

An app that scrapes Kelley Blue Book and Edmunds for car info and presents that info in a readable format for all users.

Bashenger — *C app for client-server communication*

A simple app that allows users to communicate client to client, with end to end encryption.

CMS — *User Interface for Database Management*

A user interface for uploading/creating articles and users to be uploaded onto the web to stuyspec.com.

Sort-Visualizer — *A python-based simulation of different sorting algorithms*

A visualizer that shows popular sorting algorithms (quicksort, mergesort, bubble sort, insertion sort, etc) in action.

Attendance-scanner — *Flask app for attendance taking*

A flask app with a database for attendance. Utilizes Google OAuth for admin access and Google Cloud for storage and server management.

EDUCATION

University of Michigan

Sep 9, 2020 - Current

Stuyvesant High School, Manhattan

Sep 9, 2016 - June 29, 2020

SKILLS

Languages:

Proficient: Python, Javascript

Familiar: C, Java, Ruby

Software Development:

Proficient: Git, Flask, ReactJs, REST APIs, Ubuntu, Linux Terminal

Familiar: Tensorflow, Ruby on Rails