

## EDUCATION

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### New York University

*Bachelor of Science in Computer Science*

Sept 2017 - May 2021

GPA: 3.4

- Relevant Courses: Algorithms, Artificial Intelligence, Computer Architecture, Databases, Data Structures, Machine Learning, Object Oriented Programming, Software Engineering

### Stuyvesant High School

*Advanced Regents Diploma with Honors*

Sept 2013 - June 2017

## EXPERIENCE

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### BNY Mellon

*Software Engineering Intern*

Summer 2020

- Supported agile backend development to create a pricing engine for the Asset Servicing organization
- Provided the Asset Servicing sales organization with a more robust pricing mechanism for clients
- Developed a digitized bid form for the sales organization to provide an end-to-end flow for the submission process using Python
- Converted wireframes to a functional user interface using AngularJS

### Payfone

*Software Engineering Intern*

Summer 2019

- Developed a mobile application that allows developers to simulate authentication results to customers' phones using Python
- Migrated domestic web demo, showcasing their instant multi-factor authentication, into a stand-alone application using Vue.js and PHP

## PROJECTS

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### Messenger Bot

- Developed a messenger bot hosted on Facebook's Messenger application using Python and Firebase to save and restore user conversations
- Implemented routing functionality that connects users to one another, eliminating the bot as a third-party after the conversation flow has been completed
- Increased messenger bot handling capacity to include various message types by leveraging Facebook's Send API

### Instagram Replica

- Developed a web application for sharing photos that gives users control over viewing permissions using Python Flask
- Implemented can also comment, like, unfollow, and search photos by tag or poster functionalities
- Maintained privacy aspect by querying using SQL table definitions

### To-Do List

- Developed a to-do list web application using Python Flask
- Created, read, updated, and deleted tasks using HTTP requests that write to a SQL database

## SKILLS

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### Languages

- Python, C++, TypeScript, JavaScript

### Tools

- Git, HTML/CSS, SQL, Firebase, MongoDB, LaTeX, Jenkins, Heroku