

## Education

### New York University

2019 - Expected 2021

Tandon School of Engineering.  
BS in Computer Science.  
Coursework: OOP, Computer Architecture, Design & Analysis of Algorithms

### St. John's University

2017 - 2019

BS in Computer Science.  
Coursework: Discrete Math, Networking, Data Structures, Software Design Methods

### Stuyvesant High School

2013 - 2017

Coursework: AP Computer Science, Software Development, Systems Level Programming, Computer Graphics

## Work Experience

### St. John's University

June. 2018 - Sept. 2018

*Research Assistant*

- Created software that creates, executes, and organizes machine learning studies
- UI was built with React, Redux, and Electron, and used AWS Cognito for accounts
- The backend was an API built with Python Flask, using AWS S3 for data storage

### Stuyvesant High School

2015 - 2017

*Teaching Assistant / Tutor*

- Taught underclassmen the fundamentals of C, Python, Java, HTML/CSS, Javascript, and Racket
- Introduced students to multiple introductory algorithms and data structures

## Skills

**Languages:** Python, Java, C, C++ (Arduino), LISP (Elisp, Racket), Bash Scripts, HTML/CSS/JS, LaTeX

**Frameworks:** Flask, Processing, jQuery, React, React Native, Redux, Electron, Webpack, NodeJS

**Tools:** Git, Bash, AWS, Emacs, MySQL, MongoDB, GraphQL, AutoCAD, Adobe Illustrator

## Projects

### Innovation Lab Sensors

Jan. 2017 - Jun. 2017

- Programmed two Arduinos to measure O2, CO2, and air quality levels.
- Code was written in C++, and Java (Processing) was used to create an interactive GUI that visualized sensor data