



## Education

### BA | Computer Science and Mathematics

Hunter College |

Expected Graduation:  
May 2021

- GPA: 4.0, 98 credits
- Phi Beta Kappa
- Honors Sage Scholar
- Dean's List

Stuyvesant High School |  
June 2018

## Coursework

### Computer Science

Data Structures and Algorithms

Software Engineering

Software Analysis and Design I

Software Analysis and Design II

Software Analysis and Design III

Open Source Software Development

Computer Theory

Computer Architecture I

Computer Architecture II

### Math

Probability Theory

Linear Algebra

Mathematical Analysis I

Discrete Mathematics

Calculus II

Calculus III

### Science

Intro. to Psychology

Human Development

General Chemistry II

Electricity and

Magnetism

## Experience

### The Web Developer Bootcamp | Udemy

Jul 2019 - Current

- Participated in an online bootcamp covering web development principles and frameworks.
- Included tools and technologies like: Git, SQL, JavaScript, HTML, CSS, Node, Express, React, and PostgreSQL.
- Read and wrote complex queries to a database using PostgreSQL

### ACM Programming | Hunter College

Aug 2019 - Present

- Participated in weekly programming practice in preparation for the International Collegiate Programming Contest (ICPC).
- Solved problems with topics including recursion, dynamic programming, graph traversal, backtracking, greedy algorithms, combinatorics, geometrical algorithms and network flow algorithms.

### Innovation, Entrepreneurship and the Science of Smart Cities | NYU

Summer 2017

- Participated in many class activities using SMART technology, including a program that monitors quality of water in a tank.
- Final team project: created a gas detector that sends text, lights LED, and sounds alarm when gas is detected; Arduinos, programming language C++, sensors, and SMART technology.

## Projects

### Blog App | <https://git.io/JeicS>

- Developed a RESTful Blog App using Express, Node, HTML, Embedded JS, JavaScript, Mongoose, MongoDB, CSS, Semantic UI.
- Allows for user authentication; stores blog posts and user info in MongoDB.
- Able to create, edit, and delete blog posts.

### RGB Color Guessing Game | <https://git.io/Je6FI>

- Used HTML, Javascript, CSS and Bootstrap to create a color guessing game in which the user has to click the correct color given RGB color codes.
- Has an easy mode, hard mode, and very hard mode.

### LifeSaver | QC hackattack | <https://git.io/Je6Fv>

- First Time Hackers Winner, out of 300+ hackers
- Created a Chrome Extension that ranks the safety level of a neighborhood.
- Managed FBI data from NYC Open Data; Used Python, JavaScript, HTML, Bootstrap, Chrome Extension.

## Languages and Technologies

- C++ (3+ yrs) , Python (3+ yrs) , HTML (2 yrs), CSS (2 yrs), Javascript (2 yrs)
- 1/2 year: Java, PostgreSQL, Python Flask, Bootstrap, Node, Express, React, Git, GitHub