



Education

BA | Computer Science and Mathematics

Hunter College |

Expected Graduation: May 2021

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

Stuyvesant High School | June 2018

- GPA: 4.0

Coursework

Computer Science Data Structures and Algorithms

Software Engineering
Software Analysis and Design I, II and III
Open Source Software Development
Computer Theory
Computer Architecture I and II

Math

Probability Theory
Linear Algebra
Mathematical Analysis I
Discrete Mathematics
Calculus II and III

Other Activities

DS&A Teaching Assistant
Open Source Club
Hunter ACM
ICPC Programming
Hunter College Codefest

Experience

Software Engineering Intern | Numina

Feb 2020 - Present

- Greatly improved customer satisfaction. Enhanced existing data visualizations, developed new metrics, created new visualizations, augmented reports with new data sources, automated text annotations in reports and improved report styling and layout.
- Constructed GraphQL query to fetch dwell time data from AWS, created customer reports web page with results obtained from sensors, agile software development.
- Python, Jupyter Notebooks, Pandas, Web APIs (GraphQL and REST), HTML, CSS.

Web Development Fellow | NYC Tech Talent Pipeline

Jan 2020, 1 month

- Participated in an accelerated bootcamp covering web development principles and frameworks, which included tools and technologies like: HTML, CSS, JavaScript, Git, Node, Express, React, Redux, SQL, and PostgreSQL.

Innovation, Entrepreneurship and the Science of Smart Cities | NYU

Summer 2017

- Participated in a program with a focus on technology and engineering skills, design and prototyping, built around real world 'smart city' applications and research.
- 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

Voter Hub | Team Project

- Frontend: <https://git.io/Jv3nl> Backend: <https://git.io/Jv3nR>
- Developed a connected hub for users to find voting information and discuss. Entering an address finds a list of representatives and info about them, including contact info, headlines, and funding. Creating an account lets you participate in message boards.
- React, Redux, HTML, CSS, JavaScript, Node, Express, Sequelize, and PostgreSQL

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, read, update and destroy blog posts (CRUD).

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

- Languages: C++, Python, JavaScript, HTML, CSS, SQL
- Technologies: React, Express, Redux, NodeJS, Jupyter Notebooks, Git, GitHub, Flask, MongoDB, PostgreSQL