

## Education

**Computer Science**, CUNY Queens College, New York

**2019 – 2024**

Relevant coursework: Data Structures and Algorithms, Database Systems, Software Engineering, Object-Oriented Programming, Operating System Principles, Internet and Web technologies

## Experience

### Software Engineer Intern

#### Tech Incubator at Queens College

**Feb 2023 – May 2023**

- Provided consultation and proposed solutions to develop a backend software application for an E-commerce startup
- Spearheaded development for creating a Python backend system to reduce costs by automating API fetches and database updates using real-time product data
- Designed UML diagrams and maintained a MySQL database by designing schemas using normalization to reduce data redundancy and improving integrity across 5+ relations
- Participated in paired programming and conducted QA testing to ensure continuous integration with supplier APIs
- Developed algorithms to transform XML API responses for 30+ web services and funnel the data into an ETL pipeline

### Software Engineer Intern

#### K Level 1

**April 2023**

- Collaborated with teams of engineers to develop MVPs using Agile methodology for a Blockchain startup
- Utilized OpenAI's GPT models to build a Python backend program in order to generate responses for user prompts
- Developed React components to display dataset information by transforming excel data through Pandas dataframes
- Transformed data sources to be ingested by a LLM and produce data vectors in order to generate JSON responses

### Summer Academy Extern

#### AT&T

**July 2021**

- Acquired business and technical acumen along with personal growth and professional development across 80 hours of online learning
- Gained insights and advice on business, leadership, technology and career from business executives and recognized experts
- Concluded entry-level training in finance, sales advertising, media and technology, communication and leadership
- Networked with other talented students and AT&T employees and asked questions of nationally renowned speakers

## Projects

### Personal Website

- Designed a responsive front-end website to display a digital portfolio
- Created and imported a 3d rendered model from Spline.design to create immersion on the home page
- Utilized React components and Tailwind CSS for reusability and intuitive programming
- Pushed to production using Github and Netlify

### Netflix Clone

- Created a Netflix clone to showcase frontend skills using serverless functions and the JAM stack
- Refactored React code to customize the frontend UI and display new categories and genres of films/shows
- Implemented GraphQL schemas to manipulate data using CRUD operations
- Prepared for deployment using Github and Netlify

## Certificates

**Meta: Intro to Back-end Dev**

2022

**Meta: Version Control**

2022

**Meta: Programming in Python**

2022

**Netflix Clone**

2022

**AT&T Externship**

2021

## Technical Skills

- **Languages:** Python, Java, Javascript, C++, HTML, CSS, SQL
- **Technologies:** React, Django, MySQL, Oracle SQL, Express, Node.js, Tailwind CSS, Pandas, GraphQL
- **Other:** Git/Github, Postman, UML, Netlify, Vite, AstraDB