

EDUCATION

New York University, New York, NY

Sep 2021 – Present

- **Computer Science** major | **BS** Candidate | **98** credits | Cumulative GPA: **3.945** | Dean's List
- Relevant Coursework: *Operating Systems, Databases, Applied Internet Technologies, Computer Architecture, Object Oriented Programming, Data Structures and Algorithms, Artificial Intelligence, Discrete Math, Data Analysis*

WORK EXPERIENCE

New York University, New York, NY – Incoming CA for Introduction to Databases

Sep 2023 – Dec 2023

- As a Course Assistant, I will work with the Professor to help with managing his class through helping with grading and preparing class materials. I will also tutor students and host office hours to answer questions and help with classwork.

Bank of America, Pennington, NJ – Software Engineer Intern

Jun 2023 – Aug 2023

- Worked to help create, test, and maintain the retail bill payment services for Bank of America
- Contributed to the development of features for a full-stack UI used for testing using Angular and Typescript for the frontend and Java Spring Boot for the backend
- Collaborated in a cooperative Agile team environment utilizing tools like Jira and Bitbucket
- Developed JUnit testing for key files, raising overall coverage for many classes and packages to over 90%
- Created Documentation for API mappings related to bill payment services

Henkel Corporation, Bridgewater, NJ – Research and Development Intern

Jun 2022 – Aug 2022

- Investigated sustainable adhesive alternatives that are biodegradable and compostable with a leading global company, gaining research skills in world-class industrial environment
- Designed, formulated, and tested products using scientific instruments and proprietary software

ACTIVITIES / PROJECTS

Love Letter Game Simulator – Personal Project – [link](#) | [Github](#)

May 2022 – Present

- Created a full-stack card game simulator using C++, designed to be played by multiple players
- Expanded the simulator to a website using *Bootstrap* and *React* on the frontend and *Node.js* with *Express* and *Socket.io* in the backend, enabling multiplayer support
- Used *MongoDB* to keep track of the games and users

Invest.me – New York, NY – Group Leader and Lead Software Developer – [Github](#)

Jan 2023 – May 2023

- Developed a personalized stock pricing tool hosted on the web and customized by user input. This software uses both quantitative and qualitative data from numerous sources, including company financials, ESG scores, congressional trades, and public sentiment to evaluate S&P 500 companies
- Utilizes web scraping, data analytics, and a linear regression ML model to predict stock prices

CyberWare, New York, NY – Co-founder / Lead Software Developer

Sep 2021 – May 2022

- Developed web-based software “Automa” based on Machine Learning to provide a user-friendly avenue for online patient diagnosis according to symptom input, leading to a quick and low-cost alternative to physician visit
- Won the NYU Tandon-made Competition (2021) and received funding of \$2000

NYU Augmented Library VIP, New York, NY – Backend Developer – [Site Link](#)

Sep 2021 – May 2022

- Developed an intuitive IOS/Android-based AR application for NYU's Dibner Library with a team of 20+
- Established backend databasing infrastructure using *MongoDB* and *SQLite* to keep track of user and library data
- Personally helped to create the room reservation feature and QR scanner that enables in-person real-time room reservations for group study rooms in the School Library

SKILLS

Languages: Proficient: C++, Python, Javascript, Java

Previous Experience: C, C#, HTML, CSS, Kotlin, Arduino, SQL, Intel x86 (Assembly)

Programs/Frameworks: MongoDB, React, NodeJS, Socket.io, Spring Boot, Github, Unity, Flask, MySQL, Angular

HONORS / AWARDS

- ASC Scholarship (2023)
- New York University Dean's List (2023, 2022)
- Henkel Corporation Scholarship Award (2023, 2022, 2021)
- NYU Tandon Made Challenge Award (2021)
- NYU Rapid Assembly & Design Challenge Finalist (2021)
- President's Award for Educational Excellence (2021)
- AP Scholar with Distinction Award (2021, 2020)
- National Merit Commended Student (2020)
- EBHS Gold Honor Roll (2021, 2020, 2019)
- 1st Place, New Jersey Science League Chemistry I (2019)