

EDUCATION

B.A. Computer Science **Queens College** **2020 – 2024**

GPA: 3.8 – Object Oriented Programming (C++ & Java), Data Structures & Algorithms, Computer Architecture, Operating Systems, Linear Algebra, Multivariable Calculus, and Statistics & Probability

High School Diploma **Bronx High School of Science** **2019**

GPA: 90 with honors. SAT: 1520: 800 (Math) / 720 (English).

TECHNICAL SKILLS

Languages: English, Cantonese, Spanish

Programming Languages: C++, Java, Python, C, SQL, CUDA C, HTML5, CSS, MATLAB, Docker, CMDDB-ServiceNow.

EXPERIENCE

IT Asset Management Intern **New York City Office of Technology** **Jul 2023 – Jan 2024**

- Leveraged ServiceNow to update hardware and software models for the OTI Brooklyn location, assigned specific hardware respective new users tracking both location and duration of ownership of OTI's property.
- Developed automated programs using python pandas. Automated hardware model uploads to company-wide database.
- Troubleshoot help desk tickets for incorrectly assigned Software and Hardware at OTI Brooklyn office.
- Ran test cases for programs in Testing and Staging environments of the ServiceNow ecosystem.

STEM Tutor **Luminary Tutoring** **Sep 2021 – Aug 2022**

- Planned, prepared, and implemented a company approved curriculum that taught elementary math and literature, high school math, physics, SAT, and AP exams: Calculus & Physics.
- Top 3 students achieved perfect 800 score on SAT Math and 13 others scored a 700+

Line Cook **Marta Union Square** **Jan 2020 – Jul 2021**

- Oversaw all appetizers for Brunch and Dinner service in a Roman Italian Restaurant, led daily meetings to plan ingredients, dishes and maintain a fully stocked inventory

PROJECTS

University Model Database with ERD

- MSSQL based DB with SQLDBM modeling. A model of queen's college's database designed with crow's foot notation. Data cleaning, Windows Aggregate functions, Stored Procedures, Joins, & JDBC
- Tech used – MSSQL, DOCKER, REDHAT, SQLDBM
- https://github.com/benjaminzhong1/CS331_NG_3

Serial Checker and Web Scraper

- Create and develop Used ServiceNow to update new and outdated hardware and software models for local excel spreadsheets that would then get auto uploaded to a configuration management database. As a result, multiple models were decluttered and removed from the OTI database for expired warranties.
- Tech Used - Python, Pandas, VBA, File Conversion, Vendor APIs
- <https://github.com/benjaminzhong1/warrantycheck>

Wine Classification and Recommendation Desktop App

- Small scale recognition software that identifies wines for customers and recommends wines based off of the customers tastes. This system implements a random forest machine learning model built and tested through Java. System contains separate UI, Application, and Database layers – intended to create smooth operations.
- Tech used – JAVA, MSSQL.
- <https://github.com/benjaminzhong1/Wine-Recognition>