

Education

New York Institute of Technology, New York NY
Bachelor of Computer Science

May 2020

Skills

- **Computer Languages:** Java, SQL, and Python
- **Web Development:** HTML5, CSS, JavaScript, JQuery, Bootstrap 4, PHP, and SQL
- **Application/Tools:** Android Studio, Eclipse IDEs, MYSQL

Work Experience:

Academic Computing Services(IT), New York, NY

Spring 2017-March 2020

- Served as a technical help desk for both Manhattan and Old Westbury campuses
- Managed comprehensive database of testing and teaching material
- Responsible for installing and maintaining equipment, and updating firmware.
- Worked as a supervisor in the plotshop, maintained plotters, and served as a technical liaison to the architecture department

Projects:

SQL Dealership Database

Technologies: MySQL

- Responsible for Requirement Analysis, ERD Diagrams, and Database Design.
- Created a mediator database that allowed car dealerships to maintain, update, and query information.
- Created a functional front end to accompany the database to allow visualization of stock, customer information, and other business attributes

Data Organization and Visualization

Technologies: Python, Pandas, Weka and Matplotlib

- Organized public data to determine similarities within multiple data sets
- Allowed random selection of data within the data sets

Daily Expense Tracker Application

Technologies: Java, Android Studio, SQL, Firebase, and Javascript

- Developed an app that allows users to input spendings into their phone
- Users will get an average of spendings weekly or monthly
- Users will have a desktop version of the app

Attendance Tracker

Technologies: Java, Android Studio, NFC reader tag, and reader

- Created a phone and desktop application that allowed students and teachers to automate and streamline attendance taking.
- Mobile app uses an NFC reader to allow students to securely sign into class, Desktop application allows teachers to manage, edit, and view records.

Student Safety Using Image Recognition

Technologies: Java, Firebase, and Android studio

- Worked under Dr.Helen Gu as part of the Undergraduate Research and Entrepreneurship Program
- Used Eigenvectors, and Fisherface methodology to identify security risks in the form of unconfirmed persons on campus, weapons, and aggressive behavior.
- The application used a working database of students and staff. Used a unique algorithm to verify or flag persons and/or activities.

Robotics- Team Lead Developer

Technologies: Java,Android application,Eclipse IDEs

- Lead a team of 18 members to program and manufacture a robot in a limited time.
- Managed a team's plan for the competition, coding, and analysis of a robot.
- Won Inspire award, PTC design award, finalist alliance-NYC championship.
- Inspired many students to join the field of computer science.