**Wilson Jang**

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**Education**

New York Institute of Technology, New York NY **May 2020**

Bachelor of Computer Science

**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.