Simon Wan

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EDUCATION

CUNY Baruch College, New York, NY	September 2020 - Expected: December 2023
BBA Computer Information Systems	

Relevant Courses: Object-Oriented Programming | Database Management Systems | Systems Analysis and Design | Programming for Analytics | Data Warehousing for Analytics

SKILLS

- Computer Skills: HTML, Python, C++, SQL, Microsoft Access, Excel, Google and Microsoft Applications, Computer Hardware Assembly and Maintenance.

- Google Cloud Skills Boost: BigQuery for Data Analysts

EXPERIENCE

YouCan Tutoring Center, Brooklyn, NY   December 2019 – Present
Tutor
- Responsible for the safety and well-being of over 30 grade-level students.
- Supervised multiple classes and teacher's assistants during instructional days.
- Provided homework tutoring sessions for all students.

Chinatown Partnership LDC, New York, NY   July 2022 – September 2022
Intern
- Communicated with local businesses on behalf of multiple city agencies.
- Improved data entry efficiency significantly using Excel functions.
- Integrated local district census data into Excel spreadsheets.

TECHNICAL PROJECTS

Road Hazard and Accident Study, SQL Server   February 2023 – Present
Academic Project
- Developing a data warehouse using a commercial database management system. Complaints regarding road conditions, along with motor vehicle collision data will be extracted from NYC OpenData. The goal of this project is to find the correlation by integrating the two data marts.

Powerball Game, C++   November 2022 – December 2022
Academic Project
- Programmed an accurate Powerball Lottery Game simulating a random draw of five white balls and one red ball. User can input the number of times to play, and all drawn numbers will be unique.

Brick Breaker Game, Python   March 2022 – May 2022
Academic Project
- Co-developed an accurate Brick Breaker game in Python with a group of students. A paddle is controlled by the player, and the objective of the game is to eliminate all the bricks on the screen by striking them with the ball.