Javeria Alam

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EDUCATION

York University   **Toronto, ON**
Bachelor of Arts in Computer Science, Minor in Business   *Expected Winter 2027*

WORK EXPERIENCE

Quality Analyst   **May 2023 – July 2023**
Blue Eclipse (Venture for Canada)   *Remote*
- Collaborated within a 5-person team, taking initiative and applying interpersonal skills to conduct weekly check-ins
- Self-regulated and took the initiative to gather information, creating a comprehensive final report on product improvements and quality
- Enhanced website usability by fixing navigation issues and optimizing layout, leading to a more user-friendly and accessible interface

Co-Teacher   **Sep 2018 – May 2025**
MCNA Weekend Learning School   *Milton, ON*
- Maintained consistent and transparent communication with parents using various tools, ensuring regular updates on student progress and classroom activities
- Instructed diverse age groups as the primary teacher, adapting strategies to meet varying needs
- Collaborated with regional educators to reform the syllabus and teaching methods

PROJECTS

2024 Olympic Highlights Dashboard | *Power BI, SQL, Python, Excel*
- Developed a 5-page Power BI dashboard for the 2024 Olympics, featuring interactive visuals on medal breakdowns, athlete performance, and historical comparisons across Olympic years
- Created a Python-based visual analytics podium page using Seaborn, Matplotlib, and Plotly, providing enhanced insights into medal distributions and key highlights
- Utilized the Kaggle API to ensure continuous updates, using Python for data wrangling and Excel for preprocessing, maintaining 100% dataset accuracy throughout the Olympics

SQLink – A Murder Mystery | *Javascript, HTML, CSS, SQLite3, Node.js, RestAPIs*
- Developed SQLink, an interactive murder-mystery game that tests SQL skills through solving crime scenarios using database queries
- Designed the frontend with HTML, CSS, and JavaScript, using CodeMirror for SQL editing and Confetti.js for animations
- Implemented a Node.js backend with RestAPIs to handle SQL query execution and game interactions to uncover clues and solve the mystery through database queries

Spotify Flashback: 2023 Rewind | *HTML, Deneb, Excel, Power BI, Spotify API*
- Analyzed the top songs of 2023 using Kaggle data, creating an interactive dashboard with Power BI and Deneb
- Integrated album covers and streaming trends by utilizing Spotify's API and data processing in Excel and Power BI
- Showcased music trends through interactive visuals and comparative analyses, highlighting artist evolution, genre popularity, and user behaviour over time

Human Resources Tableau Analysis | *SQL, Excel, Tableau, Faker*
- Developed a dynamic HR dashboard in Tableau with interactive Overview and Employee List pages
- Used SQL and Excel for data queries and preprocessing to ensure accurate data visualization
- Generated a realistic HR dataset using the Faker library to simulate various employee scenarios

SKILLS

Programming Languages: Python, SQL, Java, Javascript, C, HTML, CSS
Tools: VBA, DAX, Pandas, Numpy, Matplotlib, Plotly, Scikit-Learn, Git
Platforms: Power BI, Tableau, Excel, MS SQL, Anaconda, Visual Studio Code, Github, Microsoft 365
Developer Skills: Oral/Written Communication, Analytical Thinking, Teamwork, Adaptability, Problem Solving