

Omrahn Faqiri

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TECHNICAL SKILLS

Languages: Python (Pandas, NumPy, Matplotlib), C#, C++, Java, HTML, CSS

Data & Analytics: Data Analysis, Data Visualization

Backend & Frameworks: FastAPI, Spring Boot, ASP.NET, .NET Core, .NET MAUI, REST APIs

Databases: SQL, SQLite, MongoDB

Tools & DevOps: Git, GitHub, Docker

LEADERSHIP EXPERIENCE

Sheridan Comp Sci. in Business Society Club

September 2025 – Present

Executive Member | Oakville, ON

- Collaborating with a team of executives to organize events connecting computer science and business students.
- Assisting in the planning and promotion of workshops and networking sessions to encourage career growth and technical learning.
- Supporting initiatives that integrate technical and entrepreneurial skills for students in the Computer Science program.

ACTIVITIES

Google Developer Group — Member

Sheridan Computer Science Club — Member

PROJECTS

SafeCord — *Python, FastAPI, NLP, SQLite*

- Developed an AI-assisted moderation bot for Discord communities to detect unsafe or predatory behavior.
- Implemented zero-shot classification with natural language processing to identify harmful interactions in real time.
- Built with FastAPI and Discord.py, using SQLite for secure log storage and audit tracking.
- Analyzed moderation data with Python (Pandas, Matplotlib) to evaluate model performance.

Breast Cancer Detection Model Comparison — *Python, Weka, Excel*

- Compared Decision Tree (J48) and Neural Network (MultilayerPerceptron) models on the Weka Breast Cancer Dataset to evaluate early detection accuracy.
- Conducted 30 randomized train-test trials (66/34 split) and performed F-test and two-sample t-test to measure statistical significance in model performance.
- Found Decision Tree achieved higher mean accuracy (70.1%) than Neural Network (65.4%) with $p < 0.001$, indicating a significant difference.

Personal Website — *TailwindCSS, GitHub Pages*

- Developing a personal portfolio to showcase technical projects, coursework, and achievements.

EDUCATION

Sheridan College

January 2024 – April 2027 (Expected)

Honours BSc in Computer Science (Data Analytics) | Oakville, ON

- Relevant Courses: Data Structures & Algorithms, Database Modelling, Web Application Design & Implementation, Data Analysis & Visualization, Big Data Management & Processing, Statistics for Data Science, Linear Algebra, Calculus I

McMaster University

May 2023 – December 2023

Mathematics and Statistics (Statistics Specialization) | Hamilton, ON

- Completed foundational coursework in probability, statistics, and mathematical modelling.

University of Guelph

September 2022 – December 2022

Management Economics and Finance (MEF) | Guelph, ON

- Developed an understanding of business management and quantitative finance principles.

CERTIFICATIONS

Google Data Analytics Professional Certificate (In Progress)