Omrahn Faqiri

905-226-7545 | faqiri.imrahn04@gmail.com | linkedin.com/in/omrahn-f/ | github.com/imrahnf | omrahnfaqiri.com

EDUCATION

Sheridan College   January 2024 – April 2027 (Expected)
Honours BSc in Computer Science (Data Analytics) | Oakville, ON
- Relevant Courses: Data Structures & Algorithms, Database Modeling, Web Application Design & Implementation, Data Analysis & Visualization, Big Data Management & Processing, Statistics for Data Science, Linear Algebra, Calculus I

PROJECTS

SafeCord — *Python, FastAPI, NLP, SQLite*
- Developed an AI-powered moderation bot to detect and flag potential grooming or unsafe user behavior using zero-shot classification models, enabling proactive safety insights across Discord servers.
- Designed and implemented manual flagging, watchlist, and log management commands (/flag, /watchlist, /clear, /analyze), allowing moderators to track user risk patterns beyond offensive keyword triggers.
- Built a FastAPI backend with SQLite database for secure storage of moderation logs and NLP confidence scores, supporting traceability and cross-session risk analysis.
- Created a demo Jupyter Notebook analytics module to visualize behavior patterns via boxplots, heatmaps, and score distributions, showcasing potential for data-driven safety dashboards.

Breast Cancer Detection Model Comparison — *Python, Weka, Excel*
- Conducted comparative analysis of Decision Tree (J48) and Neural Network (MLP) models on the Weka Breast Cancer dataset, running 30 randomized trials to ensure statistically reliable results.
- Performed F-test and two-sample t-test in Python and Excel to evaluate performance differences, confirming a statistically significant gap ($p = 1.79e\text{-}05$) favoring Decision Trees.
- Built custom t-distribution visualization in Python (NumPy, SciPy, Matplotlib) to interpret rejection regions, improving clarity of model evaluation for academic reporting.
- Delivered a comprehensive research report with reproducible code and visualizations, demonstrating Decision Tree accuracy of 70.1% vs. Neural Network at 65.4%, supporting model reliability in early cancer detection.

Personal Website — *Astro, Codefolio Theme*
- Customized and refactored the Codefolio Astro theme to showcase my projects and skills. Hosted on Netlify.

LEADERSHIP EXPERIENCE

Sheridan Comp Sci. in Business Society Club   September 2025 – Present
Executive Member | Oakville, ON
- Collaborated with executive team to plan networking events, connecting CS students with business mentors and boosting attendance.
- Supported workshops on career development, encouraging technical skill growth and peer collaboration.
- Supported initiatives that integrate technical and entrepreneurial skills for students in the Computer Science program.

ACTIVITIES

Google Developer Group — Member
Sheridan Computer Science Club — Member

CERTIFICATIONS

Google Data Analytics Professional Certificate (In Progress)

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