Sameel Syed

Vancouver, BC [Open to Toronto, ON and Montreal, QC] | LinkedIn | Portfolio | Email

EDUCATION

University of British Columbia   **Vancouver, British Columbia**
Master's in Data Science   *Expected June 2026*
- Merit Based Scholarship

Skidmore College   **Saratoga Springs, New York**
Bachelor's in Computer Science and Neuroscience   *August 2020 – May 2024*
- Phi Beta Kappa, Davis Scholarship, GPA: 3.86, *magna cum laude*

DATA/ANALYTICS EXPERIENCE

Data Analyst Intern   **Houston, Texas | Remote**
Snow Data Science   *June 2024 – August 2024*
- Built interactive Tableau dashboards tracking **4 core KPIs**, enabling clients to identify **new revenue opportunities** across industry sales trends
- Queried and cleaned **transaction-level consumer data** using SQL to perform customer segmentation and campaign performance analysis for **multiple enterprise clients,** delivering actionable insights that **informed marketing strategy**

Marketing Analyst Intern   **Manzini, Eswatini**
Japanz International   *June 2023 – August 2023*
- Analyzed competitor pricing and dealership sales data in Excel to develop a **data-driven pricing framework** focused on Volkswagen vehicles
- Produced market analysis reports to guide pricing strategy under **changing import regulations and rising logistics costs.**
- Collaborated cross-functionally with Sales and Market Research teams to implement pricing strategies that improved **competitive positioning and profitability**

OTHER PROFESSIONAL EXPERIENCE

Middle School Math Teacher   **New York, New York**
Rockaway Park Middle School   *September 2024 – August 2025*
- Analyzed student assessment data to identify learning gaps and adjust lesson plans, **improving average quiz scores by ~ 20%** over the academic year.
- **Communicated complex scientific concepts** to classes of ~25 students, tailoring explanations to diverse learning levels.

Sales Representative   **Manzini, Eswatini**
Japanz International   *January 2020 – July 2020*
- Assisted customers with financing options and after-sales support, maintaining high satisfaction, and **led a program that generated 21 vehicle purchases** through targeted outreach and resale of local vehicles.

PROJECTS

BREAST CANCER PREDICTOR | *Python, pandas, NumPy, scikit-learn, Altair, Docker, Git, Quarto, Pytest, Make*
- Collaboratively built an SVM classifier to predict whether breast tumors are benign or malignant from digitized cell-nuclei measurements, for a full preprocessing and modeling pipeline (feature selection, scaling, 15-fold grid-search hyperparameter tuning), achieving 96% classification accuracy on held-out validation data.

CHESS ENGINES and GUI | *Python, Pygame, NumPy*
- Implemented chess bots in Python using SARSA, minimax with alpha-beta pruning, and Q-learning algorithms, also built a GUI to interact with the engines.

DASHBOARD: THE MASSACHUSETTS EDUCATIONAL LANDSCAPE | *Tableau, VizQL*
- Developed a dashboard that visualizes trends across 1,800 schools within Massachusetts, highlighting relationships between various variables such as socioeconomic status and graduation rate.

IFOOD: CUSTOMER AND CAMPAIGN ANALYSIS | *Excel*
- Analyzed customer and campaign data to identify high-value segments that drive 83% of revenue and recommended targeted campaign strategies based on consumer trends and behaviors.

SUMMARIZE: AN LLM DRIVEN NOTE TAKIN APP | *Swift, UIkit, AVFAudio, Xcode, Firebase*
- Collaborated with a partner to implement and design a note storage for IOS called Summarize that uses an LLM backend to generate and store summaries from speech or text input.

Technical Skills: Programming: Python, R, SQL, Java, Bash, Swift; Data & ML: pandas, NumPy, scikit-learn, Tableau, PowerBI, Excel, Altair; Tools: Git, GitHub, Docker, Jupyter, Conda, VS Code, LaTeX
Languages: English, Urdu (Fluent); Spanish, French, Punjabi (Intermediate)