Hannan Anjum
London, ON | Toronto, ON | Open to Relocation

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Education

Ivey Business School, Western University, London, ON   **Sep 2023 – Sep 2025**
Candidate for Master of Science in Management (MSc), Business Analytics | **GPA: 3.8/4**
Coursework: Big Data Analytics, Simulation and Risk Analysis, Operations Research, Global Strategy, Causal Inference
Awards: Finalist - Adobe & Accenture Ivey Digital Innovation Case Competition, Ivey MSc Mentor, Ivey MSc Excellence Award

Brock University, St. Catharines, ON   **Sep 2018 – April 2023**
Bachelor of Business Administration in Information Systems and Applied Computing (Hons. Co-op) | **GPA: 3.7/4**
Coursework: Human Computer Interaction, Business Strategy, Corporate Entrepreneurship, Python for Data Science, Econometrics
Awards: Dean's Honours List (2019, 2021-23), Brock University Experiential Student of the Year (2022)

Analytical Tools: Data Science, Machine Learning, Time-Series Analysis, Data Visualization, Data Management, Data Warehousing
Languages and Technologies: Python, R, SQL, DAX, MATLAB, AWS, Azure, SAP, Power BI, Tableau, Jupyter Notebooks, Git

Experience

Milton Dental Clinic – Emergency Caretaker *(Temporary)*   **Jan 2024 – June 2024**
Project Management, Operations Leadership, Digital Transformation, Healthcare Entrepreneurship
- Led development of compliant clinic website, enhancing patient engagement and appointment booking while adhering to ODA, RCDSO, and AODA standards. Implemented digital charting and marketing tools to optimize operations and ensure tax and accounting compliance.
- Managed $400K renovation, increasing clinic capacity by 150%, completing on time and within budget.
- Oversaw the operational transition to a new dentist, managing staff coordination, patient record migration, and workflow restructuring; achieved a seamless handover with zero downtime and maintained 85% patient retention.

Global Affairs Canada – Data Scientist (Intern)   **May 2022 – August 2024**
Data Analytics & Management, Public Administration, Global Trade Research
- Designed data-driven models and tools to improve decision-making; streamlined workflows, saving 10+ hours per week across teams.
- Reduced data cleaning period to 21 days by optimizing workflows for the 2023 Audit cycle; implemented advanced automation techniques, reducing manual effort by 40% and ensuring data accuracy for future audits.
- Created interactive dashboards to visualize key performance indicators; enhanced transparency and facilitated data-driven strategies for interdepartmental collaborations.

The Brock Press – Business Manager (Contract)   **Sep 2021 – December 2023**
Business Management, Process Improvement, Relationship Building, Strategic Decision Making
- Managed HR, finance, and operations for a $0.4M business; ensured stability and operational efficiency.
- Transitioned operations to a fully digital, paperless platform; reduced costs and improved workflow management.
- Negotiated vendor advertising contracts and secured partnerships with local businesses; increased revenue streams by 15% year-over-year.

Ontario Ministry of Transportation – Junior Data Science Developer (Intern)   **Sep 2020-May 2021**
Machine Learning, Data Visualization, Metrics Development, Product Research
- Cleaned large-scale datasets for machine learning models to support operational decision-making, managed usage metrics reporting, facilitated a cloud-based data migration project to Azure Purview.
- Delivered a high-attendance tutorial on leveraging Databricks for machine learning model development and Hive for querying large datasets, enabling seamless data funneling into Power BI for the creation of impactful dashboards that enhanced data-driven decision-making.
- Automated data quality checks and validation processes; reduced data inconsistencies by 30% and improved reliability of analytics outputs.

Projects

Predictive Analytics | *Python, ARIMA, Power BI* | Global Affairs Canada
- Designed and implemented predictive analytics models using Python (ARIMA) to forecast trade mission budgets and performance, enabling data-driven decision-making. Enhanced insights with GIS visualizations in Power BI, optimizing resource allocation and monitoring key performance metrics for international trade initiatives.

Database Management | *Python, SQLite, Tkinter* | Global Affairs Canada
- Developed a Python-based data conversion script to integrate SAP data into SQLite databases, streamlining data management processes. To complement, built a Tkinter interface for user-friendly interaction, improving efficiency and accessibility for cross-departmental teams.

Information Systems | *Excel VBA, MS Access, SQL* | Brock University Faculty of Applied Health Science
- Developed a comprehensive patient health information system using Excel VBA, MS Access, and SQL to streamline data management and improve student performance tracking for the Faculty of Applied Health Sciences at Brock University. *Link*