Jessica Bowmaster

Toronto, ON
Jessica.bowmaster@georgebrown.ca
(647)-863-9087

OBJECTIVE:

To obtain a Data Scientist Intern position at Southern Graphics Systems Canada Co, applying hands-on training in machine learning, generative AI, and data visualization to deliver actionable insights and support intelligent, data-driven decision-making through effective business and technical collaboration.

HIGHLIGHTS OF QUALIFICATIONS:

- Strong foundation in machine learning, generative AI, and statistical modeling, with hands-on experience in Python, scikit-learn, pandas, and NumPy.
- Proficient in data acquisition, cleaning, preprocessing, and transformation for analytical model development using structured and unstructured datasets.
- Experienced in developing and evaluating predictive models, leveraging supervised learning, NLP, and deep learning techniques to identify patterns and trends. *[Placeholder – Based on Course outlines]*
- Familiar with big data ecosystems including Hadoop, Spark, and Azure Data Lake; capable of designing ETL and data pipeline workflows. *[Placeholder – Based on Course outlines]*
- Skilled in data visualization and storytelling, building interactive dashboards in Tableau and Power BI to communicate business insights. *[Placeholder – Based on Course outlines]*
- Demonstrated ability to translate complex technical findings into clear business recommendations, fostering collaboration across multidisciplinary teams.

TECHNICAL SKILLS:

- Git
- SQL
- Excel
- Visio
- Draw.io
- Docker
- R *[placeholder]*
- Keras *[placeholder]*

EDUCATION:

Applied A.I. Solutions Development (Post-graduate Certificate)   **Sept 2025 – Aug 2026**
George Brown College – Toronto ON

- Developed and fine-tuned supervised machine learning models using Python, pandas, and scikit-learn to classify tabular datasets and evaluate model performance through cross-validation and feature engineering.
- Built an interactive data visualization dashboard with matplotlib and Tableau to communicate actionable insights and business KPIs. *[Placeholder]*
- Applied NLP and deep learning techniques (TensorFlow, Keras, and NLTK) to analyze unstructured text data, comparing model accuracy and interpretability across architectures. *[Placeholder]*

Bachelor's of Computer Science   **May 2017**
University of New Brunswick, Fredericton, NB

CERTIFICATIONS:

- AWS AI Practitioner (January 2025 – January 2028)

PROFESSIONAL EXPERIENCE:

Senior Consultant   **June 2019 – Sept 2025**
Deloitte, Toronto, ON
- Analyzed and validated incoming data sets for accuracy and adherence to established schemas, improving data quality across projects.
- Educated prospective data analytic platform users on platform capabilities and platform technical constraints, supporting informed decision-making.
- Collaborated with cross-functional teams to translate technical analyses into clear recommendations for non-technical stakeholders.
- Contributed to the design and improvement of data governance frameworks, supporting consistent data handling practices across business units.
- Delivered presentations and technical documentation to executives and clients, strengthening communication between IT and business functions.
- Generated workflow diagrams of business processes.

VOLUNTEER EXPERIENCE:

Data Entry   **Oct 2025 – Oct 2025**
Homeless Connect Toronto, Toronto, ON
- Digitize paper-based participate registration information and exit survey responses to generate data insights and enable data analysis.

INTERESTS:

- Varsity Volleyball (George Brown College 2025/2026)