

JAMES METE

Canadian data scientist with international management experience.

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SKILLS

- **Programming Languages:** Python, Javascript, SQL, NoSQL (MongoDB)
- **Data Science & Machine Learning:** Scikit-learn, Numpy, Pandas, Matplotlib, Plotly, PyTorch
- **Other:** HTML, CSS, Power BI, Adobe Creative Suite, Office (Excel), Shell Scripts, Marketing

EXPERIENCE

Sherbiny LLC., Saudi Arabia

Sherbiny is a leading distributor and manufacturer of industrial solutions in Saudi Arabia.

Management Analyst

(Sep 2019 – Present)

Previous: Sales & Marketing Analyst

(Sep 2017 – Aug 2019)

- Leading AI, machine learning, and data science initiatives to improve efficiency and effectiveness.
- Conduct exploratory analysis and reporting for C-level executives to drive strategic business planning and optimizations.
- Increased business visibility across multiple departments by developing internal data visualization tools and dashboards using **Python, SQL, and Power BI**.
- Led project to implement automatic document processing system to automate 60% of orders utilizing OCR / Computer Vision. Initial deep learning models were made using **Python** (PyTorch) & Azure Form Recognizer APIs.
- Increased order forecast accuracy by 30% compared to traditional expertise-focused methods by utilizing a random forest machine learning model built in **Python** (Scikit-learn) and trained on order history data.
- Grew website users by 121% and page views by 64% by rebuilding our company website using **Javascript / React** (Gatsby) for the frontend, and **NodeJS** (Strapi) as a backend CMS.
- Decreased time to produce technical spare parts quotations by 92% by developing advanced **Excel** template utilizing custom macros and methods to process data and automate lookups.

NESCOM LLC., Saudi Arabia

NESCOM is an industrial contractor and solutions provider in Saudi Arabia

Analyst

(July 2014 – Aug 2017)

- Conducted analysis of existing business units and future investment opportunities using data-driven insights, including writing business plans and feasibility studies.
- Successfully crafted Indoor vertical farming proposal approved by the Saudi Investment Bank.

EDUCATION

University of Michigan, Ann Arbor, Michigan, USA

Master of Applied Data Science

(Sep 2020 – May 2022)

- Currently Enrolled (Expected graduation date: May 2022)
- Current GPA: 4.0

Brock University, St. Catharines, Ontario, Canada

BA Honors,

(Sep 2010 – May 2014)

- Major: History, Minor: Political Science

LEADERSHIP & AWARDS

- Selected to facilitate the Sherbiny leadership team meeting to assist in managing and directing business strategy across departments.
- Sherbiny President's Circle Award (highest in the company) for outstanding performance.
- Selected as an instructional aide at the University of Michigan–Ann Arbor in the Master of Applied Data Science degree program (1 of 7 chosen out of 200+ students) due to impressive course performance and peer feedback. Also invited back to assist in other courses.

CERTIFICATIONS

- CS50x (Computer Science) – Harvard University.
- Machine Learning – Stanford University (Coursera)
- Deep Learning Specialization – DeepLearning.ai (Coursera)
- Fundamentals of Reinforcement Learning – University of Alberta (Coursera)
- Sample-Based Learning Methods – University of Alberta (Coursera)
- Statistics with Python Specialization – University of Michigan (Coursera)
- Deep Learning: Part 1 Certificate – University of San Francisco
- Internal Auditor Training (ISO 9001:2015, ISO 14001:2015, & ISO 45001:2018)
- CPR, AED, First Aid & Basic Fire Fighting