

JAROME LESLIE

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EDUCATION & SKILLS

University of British Columbia, Master of Data Science (MDS). *Sep 2019 – Jun 2020*

University of Waterloo, BMath & BBA Double Degree, Honors. *Sep 2010 – Jun 2015*

Honors:

- Barbados government full tuition scholarship awarded to top 0.5% students (10/year)
- UWaterloo President's scholarship & Co-op of the Year Award Nominee
- ABRSM Grade 8 Piano with Merit (RCM Level 10 equivalent)

Competitions:

- UBC Learning Analytics Hackathon – Winner, created a discussion [thread recommender](#)
- Capital One Data Mining Cup – Participant, optimized customer targeting strategy using R

LinkedIn Learning, SQL Essential Training & Advanced SQL Training for Data Scientists. *April 2021*

Technical skills: Python, SQL, R, PowerBI, Tableau, Docker, QGIS

WORK EXPERIENCE

Data Analyst, TD Bank, *Remote*. *Dec 2020 – present*

- Conducted interviews with team members to identify, inventory and rank current time sinks and challenges to kickstart automation projects and process improvements
- Collaborated with fraud and customer authentication stakeholders to scope, develop, and automate executive risk reports on authenticator performance (Python, SQL)
- Implemented data hygiene, completeness and accuracy checks to Python reporting tools

Data Scientist, Lightspark Inc, *Vancouver BC*. *Jul 2020 – Dec 2020*

- Developed ETL pipelines to clean, wrangle, merge and load geospatial, housing, and energy audit data into a structured data architecture facilitating downstream use
- Applied clustering algorithms to discern the main archetypes of single-family dwellings across multiple Canadian cities and trained machine learning models to predict home energy use and carbon footprint
- Created and delivered visually engaging client presentations of the home archetypes with greatest energy savings potential which informed city energy efficiency incentive programs

Senior Consultant, London Economics International, *Toronto ON*. *Dec 2015 – Jul 2019*

Consultant, London Economics International, *Toronto ON*

Research Associate, London Economics International, *Toronto ON*

- Forecasted a city utility's 20-year electricity demand using multivariate linear regression (R)
- Assessed the statistical significance of electricity price changes under a range of market scenarios

PROJECTS

Master's Capstone project: Unearthing hidden vulnerabilities, *aDolus Inc.*

- Collaborated with peers to develop a containerized NLP [data science pipeline](#) to match cyber security vulnerabilities in vendor advisory reports to affected files. (SQL, Python, AWS, Docker)

Clustering of Chicago Neighborhoods Taxi Use and Demographics

- Applied dimension reduction using Principal Component Analysis and compared the effectiveness of the K-Means and Gaussian Mixture Models algorithms in the clustering of Chicago neighborhoods by taxi use and demographics – [see detailed report](#). (Python, SQL)

VOLUNTEERING & LEADERSHIP

Volunteering: Data For Good, Japan Foundation Toronto Gallery Monitor, CIBC Run for the Cure

Leadership: UBC MDS Tri-mentoring program – Mentor, UBC MDS Student Representative

Interests: Tennis, Piano, Space, Soccer (Arsenal FC), Camping, Hiking