

Luc Selmès

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PROFESSIONAL EXPERIENCE

OKIOK, Laval, Canada

January 2023 – February 2024

Data Scientist

- Built supervised ML models to detect cases of known cyber-attacks in a computer network
- Used unsupervised models and advanced statistical analyses to detect anomalies in network traffic
- Led implementation of MLOps practices, leveraging AWS Sagemaker to put CI/CD pipelines into production

Data Scientist – Client Assignment (January 2023 – July 2023)

- Developed an ensemble RNN model to predict monthly return for 400+ stocks and ETFs
- Implemented an end-to-end pipeline integrated with the client's proprietary trading platform
- Resulted in 20% better compound annual return than baseline when backtesting over unseen data from the period of 2021-2023

Vagabond Capital, Montreal, Canada

October 2022 – Present

Investor & Board of Directors

- Identified promising early-stage student run startups with disruptive potential across diverse industries
- Engaged with entrepreneurs and founders, offering strategic guidance, mentorship, and operational support

Business Valuation Resources, Portland, USA (Remote)

October 2022 – January 2023

Data Science Consultant – Part time

- Developed web scraping strategy using Scrapy in order to collect SEC document data
- Created a recommender system POC to perform file suggestions for SEC documents using tf-idf features and nearest neighbors

Academia, Miami, USA (Remote)

September 2022 – January 2023

Private Tutor

- Taught K-12 students programming in Python and Mathematics
- Qualified to help University students with Data Analytics and Programming courses

EDUCATION

McGill University – Desautels Faculty of Management, Montréal, Canada

2018 – 2022

Bachelor of Commerce, Minor in Computer Science, Minor in Math for Management, Concentration in Business Analytics

GPA: 3.49/4.00

CERTIFICATIONS

[Microsoft Certified: Azure Data Scientist Associate](#)

Oct 2023

- Took a Microsoft course and final exam to ensure knowledge of how to use Azure ML in order to handle machine learning projects

[Coursera - Deep Learning Specialization](#)

September 2023

- Learned theory behind DNNs, RNNs, computer vision and NLP. Introduction to MLOps.

[Coursera - TensorFlow Developer Specialization](#)

June 2022

- Learned how to develop various types of neural networks with the Tensorflow library

SKILLS AND INTERESTS

Technical: Python, AWS, Azure, SQL, Java, Git

Libraries/Frameworks: TensorFlow, Scikit-learn, Pandas, NumPy, Sagemaker, Azure ML

Languages: Fluent English and French, Intermediate Spanish, Basic Chinese

Interests: Climbing, Playing Music and Running