

# Luc Selmès

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## EDUCATION

**Mila / University of Montréal**, Montréal, Canada 2024 – Present  
*Master's in Computer Science, Machine Learning*

**McGill University – Desautels Faculty of Management**, Montréal, Canada 2018 – 2022  
*Bachelor of Commerce, Business Analytics, Minor in Math, Minor in Computer Science*

## PROFESSIONAL EXPERIENCE

**Recursive**, Montréal, Canada July 2024 – Present  
*CTO & Co-founder*

- Founded a technology consulting company focused on developing AI and data science solutions for SMEs
- Engineered innovative solutions that allow clients to generate new revenue streams and boost overall business efficiency
- Collaborated closely with clients to identify and bridge technical gaps, leading to sustained client satisfaction and retention

**LaFusée**, Montréal, Canada March 2024 - Present  
*Instructor*

- Delivered comprehensive training on AI fundamentals and LLM applications, improving technical proficiency of 100+ students
- Developed tailored AI training programs to drive effective company-wide adoption at 5+ private companies
- Advised firms on best practices for using AI to enhance operational efficiency and innovation

**OKIOK**, Laval, Canada January 2023 – February 2024  
*Full Stack Data Scientist*

- Spearheaded anomaly detection and UEBA initiatives, identifying potential threats by analyzing behavioral patterns
- Leveraged advanced statistical techniques to detect anomalies, boosting threat detection efficiency
- Translated complex findings into actionable insights for cross-functional teams
- Developed an ML model for a client to predict price movement for 400+ assets, improving financial forecasting

**Business Valuation Resources**, Portland, USA (Remote) October 2022 – January 2023  
*Data Science Consultant*

- Engineered a clustering-based recommender system for HTML documents, suggesting relevant files via content similarity
- Devised efficient web scraping strategy, gathering data from diverse HTML docs accurately
- Transformed unstructured HTML data into structured formats, leading to a 20% reduction in data processing time

## CERTIFICATIONS

**Microsoft Certified: Azure Data Scientist Associate** Oct 2023

- Earned a Microsoft certificate to demonstrate proficiency in using Azure for Machine Learning projects

**Coursera - Deep Learning Specialization** September 2023

- Deep learning, neural networks, natural language processing and project management

**Coursera - TensorFlow Developer Specialization** June 2022

- Developing and maintaining deep learning models, and project management

## SKILLS AND INTERESTS

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

**Research Interests:** Time Series, LLMs

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

**Language:** Fluent English and French, Intermediate Spanish, Basic Chinese

**Nationalities:** French and American