




BIJAN ROUDINI

DATA SCIENTIST

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EXPERIENCE

- Sep 2024 – Dec 2024 **Nasdaq Verafin – St. John's, NL, Canada**
Data Science Internship – MITACS Program
- Financial data management and processing for fraud prevention.
 - Deployment and fine-tuning of large language models (LLMs).
- Jan 2023 – Dec 2024 **The Memorial University of Newfoundland – St. John's, NL, Canada**
Teaching Assistant
- Advanced computer concepts – Prof: Dr. Reza Shahidi
 - Computer security – Prof: Dr. Jonathan Anderson
- Jun 2021 – Sep 2021 **École de Technologie Supérieure - ÉTS Montréal – Montreal, QC, Canada**
Summer Internship
- Train, develop, and test the machine learning models with the data related to human's physiology.

SKILLS

Data Science, Machine Learning, Data Processing, Data Analytics

- **Programming Languages:** Python, MATLAB, C
- **Machine Learning Frameworks:** Pytorch, Keras, Tensorflow, Sickit-learn
- **Python Libraries:** Open-CV, Pandas, Numpy, Scipy, Matplotlib, Seaborn
- **Cloud Computing Experience:** Compute Canada, Amazon Web Services (AWS)

EDUCATION

- Sep 2022 – Dec 2024 **Master of Computer Engineering (Thesis-based)**
The Memorial University of Newfoundland
- Thesis:** Deep learning on motor imagery brain-computer interface
- Supervisor:** Dr. Sarah Power

PUBLICATIONS

Title: Machine learning predicts long-term mortality after acute myocardial infarction using systolic time intervals and routinely collected clinical data – 2024

Authors: Bijan Roudini, Boshra Khajehpiri, Hamid Abrishami Moghaddam, Mohamad Forouzanfar

Journal: Intelligent Medicine