

# MATHIEU CO

RECENT GRADUATE - AI ENGINEER | DATA SCIENTIST



## CONTACT

+33 6 62 06 21 78

Mathieu987@live.fr

<https://www.linkedin.com/in/mathieu-co-718421233/>

<https://github.com/Mathieu-co?tab=repositories>

## SKILL

- Python | R
- SQL/noSQL
- Power BI | Excel (VBA)
- Machine/Deep Learning
- PI System
- C++ | C#
- Linux

- Adaptability
- Communication
- Initiative

## LANGUAGES

- French (Native)
- English (Fluent B2 - TOIEC)
- Vietnamese (Intermediate)
- Chinese (Beginner)

## INTERESTS

**Sports** (Running, Fitness)  
**Music** (Piano)  
**Cinéma**  
**Video Games**  
**IT** (Coding, IA, Innovation)



## PROFILE

Recent graduate in Data Science and AI, rigorous, autonomous, and dynamic. Passionate about mathematics and new technologies. Specialized in predictive modeling, machine/deep learning, and data visualization. Seeking opportunities to design innovative solutions in data and AI.



## PROFESSIONAL EXPERIENCE

### Safran Transmission Systems

2024 NOV - 2025 MAY

Data Scientist - Engineer Internship

- Developed Data Warehouse and Dashboard for energy monitoring (Power BI, PI System).
- Created a conceptual data model, automated pipeline, and data flows (Python, GTB, API).
- Conducted time-series data analysis for energy consumption (KPI, IPE) and predictive models (Machine Learning, Linear Regression).
- Deployed dynamic dashboards to monitor real-time electrical capacity and prevent overload (TF, TGBT).

### Hackathon (24h) ConformIT

2023 Nov

Canada-Wide IT Competition

- Team project focused on optimizing lockout/tagout procedures for industrial safety. Developed an AI solution using Reinforcement Learning (Python, NodeJS, WebSocket).

### Sarl Kamalanathan

2023 June- August

IT Technician - Technician Internship

- Data management and analysis
- Developed a website (HTML, PHP, CSS)
- Provided IT maintenance and support



## EDUCATION

### Dual Degree - Master's in Artificial Intelligence

2023 - 2024

UQAC - Canada - Chicoutimi

**Machine Learning, Deep Learning, NLP, Computer Vision, Big Data** (Spark, Hadoop, GPU)

**Key Projects:** Fine-Tuning LLMs, YOLOv8, Federated Learning, Movie Recommendation, Image Super-Resolution

### Engineering School - Data Science & Big Data

2021 - 2023

ESIGELEC - Rouen

**RFID & Machine Learning**

**Hadoop & Spark**

**PDL** - Software Development in Java, SQL