

Youssef AIT ELOURF

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Profile

Final-year student in Data Engineering and AI specialization at ECE Paris, pursuing a joint degree at UQAR (Master's in Computer Science, AI and Machine Learning). Passionate about data science and large-scale data systems, with hands-on experience in developing and deploying AI solutions. Seeking an internship starting May 2026 in Montreal/Quebec as a Machine Learning Engineer, Data Scientist, or Data Engineer, with particular interest in applications in industrial, healthcare, and biology domains.

Professional Experience

Machine Learning and Artificial Intelligence Engineer - Part-time <i>Eddmon and Le Kompa</i>	August 2025 – Nov. 2025 Remote (Canada) - Company based in Paris, France
<ul style="list-style-type: none">Active contribution to the company's AI strategy (multi-domain agents, NLP, generative AI).Optimization and continuous maintenance of production models, reducing cloud costs by 15%.Development of new AI projects alongside studies, generating an estimated gain of 4 to 6 hours/week for business teams.	
Machine Learning and Artificial Intelligence Engineer - Intern <i>Eddmon</i>	April 2025 – August 2025 Paris, France
<ul style="list-style-type: none">Development and deployment of AI agents integrated into CRM and business tools, with >80% adoption rate by teams.Production deployment of tools adopted by HR, Sales, and CSM teams, reducing processing time for certain tasks from several minutes to seconds.Projects: call transcription and analysis (instant reports, 100% time savings on data entry), automatic customer profile generation (3–5 min → seconds), SMS/email responses (response time divided by 5), matching algorithm for specific requests (1 h → seconds).Tools: Python, Hugging Face, LangChain, SQL, Docker, Google Cloud Platform, DigitalOcean.	

Network Architecture and Cybersecurity Engineer - Intern <i>ACG Cybersecurity</i>	June 2023 – August 2023 Paris, France
<ul style="list-style-type: none">Design of secure network architectures (segmentation, firewalls, VPN, IDS/IPS), contributing to reduce critical incident risk by 20%.Audit of existing infrastructure and improvement recommendations, implemented on 3 client projects.Tools: Cisco Packet Tracer, Wireshark, Nessus, VPN/IPSec/SSL protocols.	

Education

Master's in Computer Science – AI and Machine Learning <i>University of Quebec at Rimouski (UQAR)</i>	2025 - 2026 Rimouski, Canada
Engineering Degree – Data and Artificial Intelligence <i>École Centrale d'Électronique de Paris (ECE Paris)</i>	2022 – 2026 Paris, France
Preparatory Classes for Engineering Schools MPSI/PSI <i>Lycée Franklin D. Roosevelt</i>	2020 – 2022 Reims, France

Technical Skills

<ul style="list-style-type: none">Languages: Python, R, Java, SQL, ScalaAI, LLMs & ML: PyTorch, TensorFlow, Scikit-learn, Keras, LangChain, Hugging Face, Pandas, NumPy, XGBoost, Transformers, Vector Databases (e.g., Pinecone)Big Data: Apache Spark, Hadoop, KoalasDatabases: MySQL, PostgreSQL, MongoDB, NoSQLCloud & DevOps: Azure (certified), Amazon Web Services (AWS), Google Cloud Platform (GCP), DigitalOcean, Docker, Kubernetes, MLOps	
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Languages and Certifications

<ul style="list-style-type: none">Languages: French (native speaker, DALF C1), English (C1, TOEIC 955), Arabic (native speaker)Certifications: Azure AZ-900, Azure DP-100, Project Management MOOC, Python Data Scientist
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