

Ezaouibi Yassin

Master of Excellence Student : Applied Mathematics for Machine Intelligence

Seeking an Internship in Data Science / AI

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PROFESSIONAL PROFILE

Student in the Master of Excellence in Applied Mathematics for Machine Intelligence (Nador), specializing in applied ML and numerical analysis. Proficient in Python and PyTorch, with a solid mathematical foundation. Seeking a challenging internship in Data Science / AI to apply my skills to real-world problems and generate measurable impact[cite: 36, 37].

TECHNICAL SKILLS

- **Languages & Data Stack:** Python (Pandas, NumPy), PyTorch, Scikit-learn, L^AT_EX, Git / GitHub.
- **Artificial Intelligence:** Deep Learning (LSTM), Machine Learning (Isolation Forest, Statistical Models), Time Series Anomaly Detection, NLP & Document AI (OCR), GenAI (RAG, Autonomous Agents).
- **Mathematical Expertise:** Stochastic Learning, Algorithmic Modeling, Matrix Numerical Analysis, Optimization, Signal Processing.

PROFESSIONAL EXPERIENCE

AI Engineer — Data & Machine Learning

Aug 2025 – Feb 2026

Ainubes GmbH

- **Anomaly Detection (German Housing Energy):** Developed a production-scale AI system for detecting anomalies in energy consumption time series. Implemented custom feature engineering, statistical/ML models, and real-time alerting (Python, Scikit-learn, Time Series).
- **Archivfy (Intelligent Document Platform):** Built an AI-powered document management platform featuring automatic classification and semantic search via OCR (Python, Document AI, NLP, Cloud Storage).

Full Stack Developer (MERN)

Jan 2024 – Feb 2024

IDEA TECH

- Developed interactive web interfaces and high-performance backend APIs (MongoDB, Express, React, Node.js).

ACADEMIC & TECHNICAL PROJECTS

Time Series Anomaly Detection

Open-Source Project (GitHub)

- Exploration and benchmarking of anomaly detection algorithms for time series (statistical models, Isolation Forest, LSTM).
- **Stack:** Python, PyTorch, Scikit-learn, Pandas, Matplotlib.

Intelligence Machine Project (RAG & Agentic AI)

Semester 1 – M1

Academic Project

- Designed an optimized RAG pipeline and autonomous agents using Python and NumPy.

Quantum Computing & Modeling Project

Semester 2 – M1

Faculté Pluridisciplinaire de Nador

- Geometric analysis and mathematical modeling of qubits on the Bloch Sphere (Documented in L^AT_EX).

ACADEMIC EDUCATION

Master of Excellence: Applied Mathematics for Machine Intelligence

2025 – 2027

Faculté Pluridisciplinaire de Nador (UMP)

Selouane, Morocco

- **Key Modules:** Stochastic Learning, Neural Networks / Deep Learning, Optimization, Foundations of Big Data, Mathematics for Quantum Computing.

Bachelor of Excellence: Applied Mathematics for Machine Intelligence

2025

Faculté Pluridisciplinaire de Nador (UMP)

Selouane, Morocco

LANGUAGES

Arabic: Native · English & French: B2 (Professional Working Proficiency)