EL Gorrim Mohamed

Software and Intelligent Systems Engineering student

CONTACT

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PROFILE

Second-year Software & Intelligent Systems Engineering student specializing in **Applied Machine Learning and DevOps**. Experienced in deploying end-to-end AI systems and CI/CD pipelines. **Seeking a summer 2026 internship** to contribute to scalable, intelligent applications and production-grade ML infrastructure.

EDUCATION

Abdelmalek Essaâdi University – Faculty of Sciences & Technology, Tangier
Engineering Degree in Software & Intelligent Systems (2024 – 2027)
Diploma of University Studies in Science and Technology (2022 – 2024)

TECHNICAL SKILLS

Languages: Python · Java · JavaScript/TypeScript · C/C++
Web Development: React · Angular · Jakarta EE · Spring Boot · Flask
Databases: MySQL · PostgreSQL · MongoDB · Redis
DevOps: Git · Jenkins · Docker · Kubernetes
AI / Machine Learning: Scikit-learn · TensorFlow · Hugging Face
Systems & Modeling: Linux (Ubuntu) · UML · Design Patterns
Soft Skills: Collaboration · Problem Solving · Adaptability · Communication

INTERNSHIP EXPERIENCE

Software Engineering Intern – Unity Developer
Dinomite Studios, Tangier, Morocco — Summer 2025
- Implemented adaptive learning mechanics in Unity using TARL methodology, improving student engagement and retention in prototype tests.
- Contributed to the TARL ecosystem (Parent App, Teacher Dashboard, Final Test Platform) as part of a 5-person Agile team.

PROJECTS

OllamaGUI – Linux Desktop App for Local LLMs
React · Tauri (Rust) · SQLite · Ollama daemon.
- Built a Linux-native GUI for managing Ollama LLMs with streaming chat, persistent history, and model management. Packaged as AppImage & .deb, removing the need for CLI interaction

Real-Time Epilepsy Detection Dashboard
Python · CNN · Flask · Node-RED
- Designed a CNN achieving 96% accuracy on EEG seizure detection; deployed as a live dashboard presented at Science Week.

Microservices App for Real Estate Rental on Ethereum
Docker · GitHub · Jenkins · Kubernetes · Prometheus · Grafana
- Set up CI/CD pipelines with GitHub and Jenkins; containerized microservices with Docker, orchestrated with Kubernetes, and configured monitoring with Prometheus/Grafana.

FSC-Net — Continual Learning Research (arXiv 2511.11707)
- Proposed a dual-network consolidation framework; demonstrated that consolidation methodology outperforms architectural complexity (+1.2pp). 30-seed evaluation with statistical rigor.

CERTIFICATIONS & EXTRA- CURRICULAR ACTIVITIES

Certifications
• **Oracle Cloud Infrastructure 2025 – Certified AI Foundations Associate (Sep 2025)**
• **NVIDIA Deep Learning Institute – Fundamentals of Deep Learning (Nov 2025)**

Extracurricular Activities
• **Member, Legends Club –** Co-led "IT Day: AI in Healthcare"; presented epilepsy detection system and ethical-AI workshop**. (2025)**
• **Facilitator, GreenLab Club –** Delivered Prompt Engineering Workshop introducing students to effective AI communication techniques**. (2025)**
• **Competitive Programming –** Participated in **MCPC 2025** (UM6P) and **CODE IT V8** (EHTP); active on Codeforces problem-solving platform.