

# Ayoub Gorry

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[Ayoub Gorry](#) — [GitHub](https://github.com/ayoubgorry) — [Portfolio](#)

## Summary

Final-year Digital Transformation & AI engineering student seeking a PFE internship in AI, Data, Cloud, or DevOps. Skilled in ML, LLMs, Docker, Azure, and CI/CD. Motivated learner with strong problem-solving abilities.

## Experience

### Data Science Intern – Al Barid Bank, Rabat

July–Aug 2025

- Built a credit card fraud detection system on highly imbalanced data (0.67% fraud rate).
- Applied feature engineering + resampling strategies to improve generalization.
- Optimized XGBoost, Random Forest, LightGBM models, achieving 95.9% accuracy and 88% recall.

## Academic Projects

### JudiciAIre: AI-Powered Legal Chatbot for Moroccan Law

Deep Learning / LLMs

- Fine-tuned Mistral-7B LLM on bilingual Moroccan legal texts using LoRA/QLoRA for accurate legal Q&A.
- Built a full-stack web application (React, Flask, MongoDB).
- Optimized inference under resource constraints for efficient real-time NLP.

### 4G/5G Performance Analysis & Secure Network Slicing

DevOps

- Established a 4G/5G simulation environment to conduct comparative QoS/QoE performance analysis and study network migration.
- Implemented virtual network slicing and secured the control plane using an API Gateway.
- Utilized a UE (User Equipment) simulator for user traffic generation, validating the performance of 5G architectures.

### IVision: Cloud-Based AI Image Analysis Web App

Cloud

- Developed a Flask web application integrated with Azure Computer Vision API.
- Deployed and monitored system using Azure Monitor and Grafana dashboards.
- Implemented CI/CD workflows with GitHub and Azure Web Apps.

### CVGenius: CV Classification System

Machine Learning

- Built a complete ML pipeline using TF-IDF feature extraction and regression models.
- Achieved 89% accuracy on test data.
- Used Python, scikit-learn, and OpenCV for preprocessing and modeling.

## Education

### ENSAH – Ecole Nationale des Sciences Appliquées, Al Hoceima

2021–2026

Engineering Cycle in *Digital Transformation & AI*

### Moulay Idriss High School — Baccalaureate in Mathematical Sciences

2020–2021

## Skills

**AI/ML:** Python, TensorFlow, PyTorch, Scikit-learn, LLMs, NLP, n8n, fine tuning, OpenCV

**Cloud/DevOps:** XEN, Azure, Docker, GitHub Actions, CI/CD, Terraform, Jenkins, Kubernetes

**Web/Tools:** React, Flask, Linux, Bash, Git

**Data Base:** MongoDB, MySQL, PostgreSQL