NADIM MEJRI

AI & Data Science engineering student

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PROFILE

AI & Data Science engineering student with strong experience in machine learning, deep learning, data engineering, and modern web development. Skilled in building end to end intelligent systems, real time data pipelines, and full stack applications. Seeking a PFE internship with strong potential for employment.

EDUCATION

Université Centrale de Tunis,
Engineering Cycle - Al & Data Science
2023 – Present
- Advanced machine learning, deep learning, data mining, distributed systems, cloud computing.
- Programming: Python, C#, C++, JavaScript, SQL, Bash, Java.
- Technologies: TensorFlow, PyTorch, Scikit Learn, FastAPI, Flask, React, Angular, Docker, Git, Linux.

Preparatory Cycle (Math-Physics-Chemistry)
2021 – 2023
• Advanced mathematics for AI: Linear Algebra, Calculus, Statistics, Probability, Optimization
• Algorithms, data structures, numerical methods

Lycée Pilote Bizerte, *Tunisian Scientific Baccalaureate*
2021

PROFESSIONAL EXPERIENCE

National Institute of Statistics, *Web Development Intern*
2023 | Tunis
- Developed Python scripts to automate internal tasks and optimized SQL performance.
- Assisted with digital transformation and system maintenance

Tunisie Télécom Direction Régionale de Tunis,
Software & Data Engineering Intern
2024 | Tunis
- Developed a **professional FTTx market monitoring platform** (internal enterprise tool).
- Built an interactive dashboard for real-time visualization of client operations, transactions, KPIs and commissions.
- Implemented user authentication, admin panel, and secure data management system.
- Automated workflows and optimized SQL queries for improved performance.
- Collaborated with telecom engineers to digitalize reporting processes.

AIESEC Carthage, *Member (Outgoing Global Talent / OGT)*
2025 | tunis
- Coordinated international exchange operations and youth leadership activities.
- Led recruitment, engagement and communication initiatives with local and global partners.
- Organized events, managed teams and contributed to digital & marketing projects.
- Strengthened leadership, teamwork, public speaking and project management skills

PROJECTS (ALL AVAILABLE ON GITHUB)

FTTX PROJECT - Professional Web Application (Tunisie Télécom), *Used internally on TT servers (non-public)*
- Dashboard for monitoring and managing FTTx operations, admin panel, transaction logging, commissions tracking

CNN 2K25 - Alice in Wonderland Themed Website
- Animated conference website with forms and galleries (Deployed on Vercel).

Deep Learning Image Classifier System
- Transfer learning (ResNet50/EfficientNet), ONNX export, Streamlit UI, TensorBoard monitoring, deployed on Streamlit Cloud.

Credit Card Fraud Detection System
- XGBoost/Random Forest, Streamlit real time prediction app deployed on Streamlit Cloud.

Intelligent Pharma/MedTech Chatbot
- Full-stack FastAPI + React (or standalone Streamlit) with support for local models and OpenAI API.

Real Time Finance Pipeline
- Kafka + Airflow + PostgreSQL + Streamlit dashboard (with Dockerless version).

AIESEC Carthage Recruitment Website
- Modern platform with recruitment system, admin dashboard, PWA features. Fully responsive. (Deployed on Vercel)

AIESEC Tanit 2K25 - International Congress Website
- Interactive registration system, animations (GSAP), responsive UI, Bootstrap 5 (Deployed on Vercel)

TECHNICAL SKILLS

Web Dev
HTML5, CSS3, JS, JavaScript, Bootstrap, React, Angular, FastAPI, Flask, Streamlit

AI/ML
TensorFlow, PyTorch, Hugging Face, Scikit Learn, OpenCV

Data
Pandas, NumPy, SQL, PostgreSQL, Airflow, Kafka, PowerBI

Tools
Git/GitHub, Docker, Linux, Azure, GCP

Soft Skills
Leadership, teamwork, communication, problem-solving, adaptability

CERTIFICATIONS

Google Advanced Data Analytics Professional Certificate — Google(2025) │ **Microsoft Azure Fundamentals AZ 900** — Microsoft (2025) │ **Cisco CCNA 1 & 2** — Cisco Networking Academy (2024) │ **Honoris SDGs Certificate** — 2024 │ **DELF B2** — French Institute of Tunisia

LANGUAGES

French — Fluent - DELF B2 │ **English** — Advanced │ **Arabic** — Native