



MALEK ABID

Data and Decision Systems Engineer



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Sfax, Tunisia

PROFILE

Passionate about innovation and equipped with a strong learning capacity, I am a dynamic and determined Data and Decision Systems Engineer (Graduated in 2025 with High Honors) and a committed PhD candidate since 2025. Eager to thrive in the IT field, I continuously seek to expand my technical expertise while contributing to impactful and innovative projects. Persistent and ambitious, I am motivated to invest my energy and skills in initiatives that push the boundaries of excellence and deliver data-driven solutions.

PROFESSIONAL EXPERIENCE

AI Internship – Numeryx

Feb 2025 – Jun 2025

End-of-Studies Project : Self-management and intelligent optimization of firewall rules with AI: Development of an intelligent firewall management solution combining Machine Learning, LLM, Flask, Spring Boot and ReactJS for network log analysis, action prediction and automatic generation of nftables rules.

Summer Internship – ADS PRIMA PUB

Jul 2024 – Aug 2024

QR Code solution for a tea shop (Wordpress)

Summer Internship – Digital Research Center of Sfax

Jun 2024 – Jul 2024

Keystroke Dynamics (Deep Learning): Behavioral analysis from typing data.

Summer internship - Ste Logicom

Jun 2023 – Jul 2023

Data analysis using PowerBI: Created dashboards for restaurant supervisors.

EDUCATION

ENIS – PhD Thesis

November 2025 – Present

Agentic Large Language Models for Historical Document Understanding and Restoration: PhD research focused on the design of an Agentic LLM framework for analyzing the structural layout of historical documents, restoring degraded content, and providing transparent, explainable model decisions.

National School of Electronics and Telecommunications of Sfax (ENET'Com)

2022-2025

Engineering Degree in Data and Decision Systems

Preparatory Institute for Engineering Studies of Sfax (IPEIS)

2020-2022

Preparatory Cycle in Physics-Chemistry

High School Diploma – Science Stream

2020

ACADEMIC PROJECTS

Final Year Project (FYP)

Chatbot Care (Python | RAG System | FLASK)

Mini-Projects

- Hotel Evaluation App with multi-criteria rating system (JEE)
- Iris Recognition: Implementation of a computer vision model for iris detection and recognition (Python) Web and Mobile Interface Development (HTML | CSS | Android Studio)
- Online Food Ordering Website (HTML | CSS | PHP)
- HR Dashboard using Power BI Desktop and DAX

ADDITIONAL INFORMATION

Technical Skills: Python, Hadoop, SQL Server, Business Intelligence, HTML, CSS

Languages: Arabic, French, English, Italian

Certifications: Microsoft AI-900: Azure AI Fundamentals, Certificate in Data Cleaning and Preprocessing with pandas, Node.js & Express.js, LPIC 101: Linux System Administration Basics

Soft skills: Adaptability | Curiosity & Willingness to Learn | Teamwork & Collaboration