



YOUSSEF TOUMI

AI ENGINEER

DETAILS

Nabeul, Tunisia

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SKILLS

Machine Learning

Deep Learning

Computer Vision

Edge-Cloud Deployment

Data Handling & Storage (SQL)

Problem Solving

LANGUAGES

Arabic

English

French

INTERESTS

Football

Calisthenics

Running

PROFILE

AI Engineer specializing in Computer Vision and Deep Learning, focused on designing and deploying end-to-end AI solutions. Skilled in developing and optimizing deep learning models for real-time applications using Python, PyTorch, and OpenCV. Capable of building scalable AI systems with edge-cloud deployment for distributed environments.

PROFESSIONAL EXPERIENCE

AI Engineer Intern at Avempace

FEBRUARY 2025 — AUGUST 2025

- Developed and integrated Deep Learning models for Face Recognition, Liveness Detection, and Activity Monitoring, forming a unified end-to-end Computer Vision system.
- Built a centralized, intelligent dashboard to visualize AI inferences in real time, transforming model outputs into actionable insights and enhancing operational oversight.
- Optimized inference pipelines for low-latency, high-accuracy performance and deployed the system in a scalable Edge-Cloud architecture, ensuring production-grade reliability.

International Sales Specialist at Ozeol

MAY 2024 — JANUARY 2025

- Managed and negotiated international stock sourcing, leveraging market trend analysis to secure optimal prices and directly improve overall supply chain efficiency.
- Applied data-driven decision-making and advanced negotiation skills to strategically optimize procurement costs and support broader business objectives.
- Built and maintained strategic, long-term business relationships across global markets, successfully contributing to sustained international growth for the company.

Web Developer Intern at DM Service Informatique

FEBRUARY 2022 — MAY 2022

- Contributed to the design and full-stack development of a MERN-stack e-commerce platform, integrating a robust product catalog, shopping cart system, and secure payment functionality.
- Enhanced user experience (UX) and optimized operational workflows across the platform, facilitating smooth browsing, shopping, and secure transactions for customers.
- Delivered a fully functional, secure, and user-friendly e-commerce website, demonstrating end-to-end mastery of full-stack web development principles (frontend to backend).

EDUCATION

Engineer's Degree, Computer Engineering, Polytechnic School of Sousse

SEPTEMBER 2022 — OCTOBER 2025

Bachelor's Degree, Business Intelligence, Higher Institute of Management of Sousse

SEPTEMBER 2019 — OCTOBER 2022

ASSOCIATIVE LIFE

Partnership with UTAIM (Tunisian Union of Mental Disabilities), Msaken

MAY 2023

Partnered with the organization to provide materials for workshops, enabling individuals with mental disabilities to create remarkable handcrafted works and integrate into professional life.