AZZOUK ABDELMALEK
S O F T W A R E / A I   D E V

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PROFILE

Computer Science student with a strong focus on artificial intelligence and software development. Experienced in training machine learning models, building automation agents, and developing full-stack web applications. Particularly interested in applying AI to solve real-world problems and improve systems through intelligent automation. Communicates ideas clearly, adapts quickly, and works effectively in both small, fast-moving teams and larger collaborative environments.

EDUCATION

UMBB Faculty of Science
Bachelor of Computer Science, Information Systems

UMBB Faculty of Science
Currently, Masters in Apllied AI

SKILLS

Machine Learning
- TensorFlow, PyTorch, Scikit-learn, XGBoost, Keras.

Deep Learning
- Neural Networks, CNN, NLP, Transformers.

Development
- Python, JS, TypeScript, React, Node.js, Next.js, Java, C, C++, TailwindCSS, Docker.

Automation & AI Tools
- n8n.

PROJECTS

Melanoma Detection
- Made models using transfer learning on CNNs and transformers, to classify skin cancer with computer vision. The results had really good accueracy.

HR automation agent
- made an agent using n8n that uses an LLM to read job applications, compare them a criteria giving to him for a suitable employee, decide whether to hire them or not, and finally send them a personalized approval / rejection email.

LANGUAGES

Arabic - Native   **English - Fluent**   **French - Fluent**