

BOUZIANI IMANE

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EDUCATION

- Master's Degree in Artificial Intelligence – High Distinction (2025)
Specialization: Machine Learning, Computer Vision, NLP, Medical Imaging, 3D Modeling.
 - Bachelor's Degree in Computer Science – Information Systems (2023)
 - Startup Label Certificate (2023) – AI project applied to intelligent vehicles.
 - STEAM Teaching Certification – Integration of AI in multidisciplinary educational programs
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PROFESSIONAL EXPERIENCE

- **IT Specialist – ZHONGMA International Construction (2023–2025):** Led enterprise IT systems, automated workflows, and deployed AI-driven solutions to enhance operational performance.
 - **IT Specialist – Private Neurology Clinic (2024–2025):** Managed clinical IT systems and supported advanced intelligent medical technologies in a healthcare environment.
 - **Medical Imaging Intern – Private Radiology Clinic (2025):** Prepared high-quality MRI/CT datasets through processing and anonymization for AI-based medical imaging research.
 - **Lecturer / Computer Science Module Instructor – USTO-MB, Department of Biotechnology (2025–2026):** Delivered applied computer science and data processing courses tailored to biotechnology students.
 - **Mathematics Teacher – CEM (Middle School) (2025–2026):** Strengthened analytical thinking and problem-solving skills through structured mathematics instruction.
 - **STEAM & Programming Instructor – University (2022–2023):** Taught core programming languages (C, C++, Java) and introduced AI concepts through hands-on learning.
 - **Founder & President – Auto Tech Scientific Club (2022–2024):** Founded and led robotics and AI initiatives focused on autonomous and intelligent systems.
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TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C/C++, Dart, Swift, R, MATLAB, SQL, HTML, CSS, JavaScript.
- **AI & Data Science:** TensorFlow, PyTorch, Keras, Scikit-Learn, OpenCV, Pandas, NumPy, Matplotlib.
- **Databases:** MySQL, SQL Server, Oracle.
- **Simulation & 3D Tools:** Unity, Unreal Engine, Blender, Gazebo, MATLAB Simulink.

- **Systems & Networks:** Windows, Linux, Wireshark, cybersecurity & system security.
 - **Expertise Areas:** Computer Vision, NLP, Machine Learning, Bioinformatics, Medical Imaging, Virtual Reality.
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LANGUAGES

- Arabic: Native
 - English: Advanced (technical & academic)
 - French: Professional
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ACTIVITIES & ACHIEVEMENTS

- Participation in international hackathons (AI, Robotics, Data Science).
 - Organized AI & Programming workshops for students and young women (STEM & Women in Tech).
 - Developed a 3D educational game (Unity & Unreal Engine).
 - Designed AI-based medical diagnostic support systems.
 - Built intelligent inventory management systems with predictive algorithms.
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PROFESSIONAL QUALITIES

- Autonomous | Creative | Detail-oriented | Rigorous | Curious | Dynamic | Analytical mindset | Adaptable | Team player | Initiative-driven | Strong communication | Excellent organizational skills.