



Hakima OUBOUH

Final Year Student in Industrial Digitalization | Aspiring Digital Business Leader

Final-year Bachelor's student in Industrial Operations and Digitalization, with a strong interest in machine learning, probabilistic modeling, and applied AI. Experienced in designing and deploying real-world systems, including platforms for Arabic Sign Language translation, and motivated to contribute to research that bridges theory and practical impact.

Education

2023 - 2026 Green Tech Institute - Mohammed VI Polytechnic University
Ben Guerir, Morocco

Professional Bachelor's Degree in Industrial Operations and Digitalization

2022 - 2023 Mohamed V High School
Kénitra, Morocco

Baccalaureate in Physical Sciences

Entrepreneurship & Innovation

02/2025 From Idea to Market - UM6P Science Week
Ben Guerir, Maroc

Founder & Developer - People's Choice Award Winner

ArSL Bridge - Startup Project

- Developed a solution to help the deaf community communicate more easily by translating Arabic Sign Language
- Used artificial intelligence and computer vision to bridge the communication gap
- Launched a website and won the People's Choice Award for addressing accessibility challenges faced by Arabic sign language users

03/2025 Hackathon Eco-Innovate - IAAS & CDG Invest
Rabat, Morocco

Participant - 3rd Prize Winner

- Sustainable Innovation:** Designed eco-friendly grass cultivation method with reduced water consumption
- Business Case Development:** Created value proposition demonstrating environmental and economic benefits

07/2025 APTIV
Kenitra, Morocco

Digital Transformation Intern

- Business Impact:** Developed intelligent quality control traceability platform improving operational efficiency
- Data Analytics:** Implemented real-time visualization dashboards for test results (leak testing, continuity, locking)

Leadership & Community Engagement

09/2024 DigiGirlz Mentorship Program - DigiGirlz Morocco
Ben Guerir, Morocco

Mentor

- Mentoring participants in designing a cybersecurity system
- Promotion of digital literacy and empowerment of girls in STEM
- Development of leadership and communication skills

02/2025 STEM Ambassadors Club
Ben Guerir, Morocco

Founder & President

- Founded and managed a community organization to introduce youth to science and technology
- Created engaging educational activities fostering scientific curiosity among young people

2025 Machine Learning with Hakima
YouTube Channel

YouTube Creator – Educational Content

- teaching machine learning and mathematics concepts.

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📅 Date of birth 08/04/2005
🏡 Kenitra

Languages

Arabic
advanced

English
advanced

Spanish
Beginner

French
advanced

Social Networks

🎥 @machinelearningwithhakima
LinkedIn @hakima oubouh

Digital Transformation & Innovation

Industrial digitalization and automation

IoT implementation and smart systems

Data analysis and business intelligence

Technical Proficiency

Programming and simulation
MATLAB, Arena, Factory I/O, TIA Portal

Design and modeling
SolidWorks, RDM7

Office software
Microsoft Office

Business & Leadership

Strategic problem-solving

Project management

Team leadership and collaboration

Stakeholder communication

Interests

Community Engagement

Entrepreneurship and startup ecosystems

Educational technology and knowledge sharing