WENDE BENEDO ARIEL OUEDRAOGO

STUDENT IN MACHINE LEARNING AND MULTIMEDIA INTELLIGENCE

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in Wende Benedo Ariel Ouedraogo

PROFILE

Master's student in Advanced Machine Learning and Multimedia Intelligence (M2), with a strong passion for mathematics and computer science. I am particularly interested in real-world applications of AI . Currently seeking for an internship where I can apply my skills, gain hands-on experience, and contribute to impactful projects. A fast learner and highly motivated individual, I thrive in solving complex problems and working with cutting-edge technologies.

EXPERIENCES

PFA Internship at 3D Smart Factory   **July 2025 - September 2025**

During my internship at 3D Smart Factory, I worked on an anomaly detection project using the MVTec 3D industrial dataset. My tasks included data preprocessing, feature extraction, and model training to detect and classify product defects. I also contributed to the deployment of the trained model within a web application to demonstrate real-time defect detection.

EDUCATION

Faculty of Sciences Dhar Mehrez of Fes   **September 2025 - Now**
- Master 2 in Advanced Machine Learning and Multimedia Intelligence(Option MLAA)

Faculty of Sciences Dhar Mehrez of Fes   **September 2024 - July 2025**
- Master 1 in Advanced Machine Learning and Multimedia Intelligence

Faculty of Sciences and Techniques of Mohammedia **September 2021 - July 2024**
- Licence in Computing, Network and Multimedia

SKILLS

Data science

DevOps: Well skilled in automating deployment, monitoring, and continuous integration workflows using Docker, Kubernetes, and CI/CD pipelines.

Machine Learning & AI: Intermediate in Supervised & Unsupervised Learning, Deep Learning, NLP, and Computer Vision using Scikit-learn, TensorFlow, PyTorch

Data Analysis: Process data to find insights useful for businesses

Programming

Frontend Development: Junior in building responsive and dynamic user interfaces with React

Backend Development: Experience in building with Flask, firebase, streamlit, FastApi

PROJECTS

RAG system on student ressources:
Description:
Developped with LLMs, a retrieval system for students
Technology: Python, FastApi, HTML, CSS, Javascript

Intrusion Detection System Interface:
Description:
Developped with LLMs and Mixtures of Experts to detect suspicious network activity, flagged them and explain it easily to the user
Technology: Python, FastApi, HTML, CSS, Javascript

Image processing gui
(Personnal)
Description:
Application of differents filter on images
Image enhancement
Image processing
Technology: Python

Anomaly Detection Web App on MvTec-3D dataset:
(3D Smart Factory)
Description:
Develop an integrated model to detect anomaly on 3D images products
Technology: Python, Flask, HTML, CSS, Javascript

Moroccan guide(App phone):
(PFE)
Description:
Give informations on moroccan culture using Computer vision
Technology: Flutter, Flask, Python, Firebase, Yolov10

LANGUAGES ———— ASSETS

English:
  Level A1 in speaking and B1 in writing
French:
  Native

Leadership
Clear communication
Good analitycal skills
Team spirit

BENEVOLAT

Central AEBM Scientific Committee (February 2026-Now)
Secretary General of the AEBM Fes section(October 2024-October 2025)
AEBM Communications Officer, Mohammedia section(September 2023-September 2024)