KAZDABI NBARK

M2 Student – Artificial Intelligence & Data Science

+212 6 55 24 93 29 | kazdabi.nbark2002@gmail.com
linkedin.com/in/nbark-kazdabi | github.com/Xray-0xFF | Morocco

PROFILE

Second-year Master's student in **Artificial Intelligence and Data Science (IASD)** at the Faculty of Sciences of Oujda, Mohammed First University. Holds a Bachelor's degree in **Mathematical Sciences and Computer Science (SMI)**. Academic background focused on machine learning, data science, data mining, deep learning, data processing, and the development of intelligent solutions. Practical experience gained through projects in machine learning, IoT, web development, and data-driven applications. Seeking a **5–6-month final-year internship starting in 2027** in artificial intelligence, machine learning, data science, data mining, deep learning, or related fields.

EDUCATION

Master's Degree – Artificial Intelligence and Data Science (IASD) 2025 – Present
Faculty of Sciences of Oujda – Mohammed First University *Oujda, Morocco*
- **Relevant Coursework:** Python for Machine Learning and Data Preprocessing, Big Data, NoSQL Databases, Mathematics for AI, Data Science, Machine Learning, Data Mining, Deep Learning, Computer Vision, NLP and Generative AI, Cloud Computing, Optimization and Metaheuristics.

Bachelor's Degree – Mathematical Sciences and Computer Science (SMI) 2022 – 2025
Faculty of Polydisciplinary Studies of Beni Mellal *Beni Mellal, Morocco*
- **Track:** Databases and Web Development.
- **Relevant Coursework:** Algorithms, Data Structures, Object-Oriented Programming, Databases, Computer Networks, Operating Systems, UML, Compilation, Operations Research, and Data Analysis.
- **Final-Year Project:** Development of a web-based booking application.

Baccalaureate – Experimental Sciences 2021
Demnate Qualifying High School *Demnate, Morocco*
- **Specialization:** Physical Sciences

ACADEMIC AND PERSONAL PROJECTS

Disease Classification – AI in Healthcare | *Python, Pandas, Scikit-learn, Machine Learning*
- Developed a classification model designed to identify **8 diseases** based on **5 symptoms**.
- Prepared and preprocessed data before training machine learning models.
- Compared several classification approaches and evaluated model performance using appropriate metrics.

FundBridge MA – AI-Assisted SaaS Platform | *Next.js, FastAPI, Python*
- Designed a platform connecting Moroccan and MENA startup founders with investors.
- Developed a full-stack architecture based on **Next.js** and **FastAPI**.
- Integrated data-driven features and AI-powered assistance into a modern web application.

Patient IoT Monitoring System | *Docker, MQTT, Mosquitto, InfluxDB, Node-RED, Grafana*
- Implemented an IoT architecture to simulate and transmit vital signs from virtual patients.
- Designed an end-to-end data pipeline covering **data acquisition, MQTT transmission, storage, and visualization**.
- Deployed services in a Docker-based containerized environment and created real-time dashboards with Grafana.

BookingAPP – Bachelor's Final-Year Project | *Python, Django, SQL, JavaScript* 2025
- Designed and developed a web-based booking application as part of the SMI Bachelor's final-year project.
- Implemented authentication, booking management, and an administration interface.
- Developed the backend with Django and managed application data using a SQL database.

TECHNICAL SKILLS

Artificial Intelligence & Data Science: Machine Learning, Deep Learning, Data Science, Data Mining, Data Preprocessing, Exploratory Data Analysis, Classification, Feature Engineering, Model Evaluation, Optimization

Python & Machine Learning: Python, NumPy, Pandas, Scikit-learn, PyTorch, Jupyter, Matplotlib, Orange Data Mining

Computer Vision & Generative AI: Computer Vision, Image and Video Processing, OpenCV, Neural Networks, CNNs, Data Representation, Multimodal Learning, Generative AI

NLP & LLMs: NLP, Text Representation, Embeddings, Large Language Models (LLMs), Model Evaluation

Software Development: C, C++, Java, JavaScript, PHP, HTML, CSS, ReactJS, Next.js, Django, FastAPI, Laravel, JEE

Databases & Data Engineering: SQL, MongoDB, Cassandra, NoSQL, REST APIs

Tools & Infrastructure: Git, GitHub, Docker, Linux, MATLAB, R, MQTT, Node-RED, Grafana, InfluxDB, Microsoft Excel

Soft Skills

Professional Strengths: Analytical and Critical Thinking, Problem-Solving, Attention to Detail, Autonomy, Scientific Curiosity, Adaptability, Teamwork, Continuous Learning

Languages

Arabic: Native | **Tamazight:** Native | **French:** Good | **English:** Good

Internship Search

Final-Year Internship – 5–6 Months – 2027

Target Fields: **Artificial Intelligence, Machine Learning, Data Science, Data Mining, Deep Learning, Computer Vision, NLP, Generative AI, Big Data, Optimization, and Intelligent Systems.**