

KOUADIO ABEL BEKANTIÉ

State Engineer in Computer Science, specializing in Data Science and Artificial Intelligence

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PROFILE

Master's graduate (Bac +5) in Data Science and Artificial Intelligence from ENSAM Rabat. Passionate about data science, machine learning, and software development, I have developed strong skills in data processing, analysis, and building intelligent solutions to generate valuable insights and predictive models. Determined and meticulous, I am eager to contribute to innovative projects and support the growth of your organization. I am committed to living up to the trust placed in me.

TECHNICAL SKILLS

Programming Languages: Python, R, DAX, SQL, Java, C, C++, JavaScript, HTML, CSS, Scala

Frameworks & Libraries: Spring-Boot, Django, Pandas, Numpy, Scikit-learn, Matplotlib, TensorFlow, React, NextJs, Tailwind Css

Databases: MySQL, MongoDB, Oracle, H2, PostgreSQL

Data Visualization Tools: Power BI, Excel, Google Sheets

Development Tools: VS Code, Google Colab, Git, GitHub, Pyzo, Jupyter Notebook, NodeJs

Data engineering- Apache Airflow, Spark, Hadoop, ETL, AWS, Docker

Methodologies: Machine Learning Workflows, Agile Method (SCRUM)

Soft Skills: Adaptability, Versatility, Intellectual Curiosity, Team Spirit, Discipline, Determination

PROFESSIONAL EXPERIENCE

End-of-Studies Internship in Data Science / AI, ATLECS – Fez, MOROCCO

Feb
July 2025

Designed a data collection system to optimize engineer recruitment and placement.

- Created an interactive dashboard to view key KPIs (number of consultants, candidates, pending CVs).
- Integrated OCR tools for character recognition on consultant resumes.
- Trained a machine learning model using SpaCy NLP for intelligent information extraction.

Tools used: Spring Boot, Python, OCR, NLP, MySQL, LLM

Data Science Internship, Quanta EDGE – Brussels, BELGIUM - remote

June
July 2024

Developed a predictive model using machine learning for credit scoring.

- Performed data collection, cleaning, transformation, and exploratory analysis (EDA).
- Designed, trained, and evaluated ML models (logistic regression, decision trees, KNN).
- Built a user interface (web application).

Internship: Development of an Intelligent Hydroponic Greenhouse Management System

May
June 2024

- Built an interactive user interface (dashboard) to monitor key parameters in real-time (temperature, humidity, pH, EC).
- Results:
 - 30% water consumption reduction compared to manual management.
 - 25% increase in yield per square meter through optimized growth conditions.
 - Over 80% of routine actions automated.

Freelance Mission, Web Development, Moroccan Society for Digital Health – Rabat

June
July 2023

- Built the organization's operational website (official version).
- Designed website architecture and implemented core features and UI integration

CERTIFICATIONS

Machine learning with Python, FreeCodeCamp

Novembre 2025

Python 101 for Data Science, IBM, Cognitiveclass.ai

Août 2025

Data Visualisation with Python, IBM, Cognitiveclass.ai

Août 2025

EDUCATION

Engineering School – Digital Engineering in Data Science and Artificial Intelligence

2022 - 2025

ENSAM – Rabat, MOROCCO

Preparatory Scientific Classes (Mathematics and Physics)

2020 - 2022

ESTEM – Casablanca, MOROCCO

Scientific Baccalaureate with Honors

2017 - 2020

Félix Houphouët-Boigny Scientific High School – Yamoussoukro, IVORY COAST

LANGUAGES AND INTERESTS

Languages: French (Native) | English (B1/B2) | German (A1)

Interests: Sports (Basketball, Volleyball, Athletics) | General Knowledge (History, Science) | Traveling (France, Morocco...)