KOUADIO ABEL BEKANTIÉ

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

📞 +212 694 99 65 59 | ✉ abelkouadio195@gmail.com

⬡ https://github.com/Abelkouadio95 | in https://www.linkedin.com/in/abel-kouadio-50333527b

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

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

Other Tools: Docker, Apache Spark, ETL, Postman, AWS
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, *Mon Artisan – Abidjan, IVORY COAST*
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

Python 101 for Data Science, IBM, Cognitiveclass.ai
August 2025

- Gained skills in Python programming, data manipulation with Pandas and NumPy

Data Visualisation with Python, IBM, Cognitiveclass.ai
August 2025

EDUCATION

Engineering School – Digital Engineering in Data Science and Artificial Intelligence
ENSAM – Rabat, MOROCCO
2022 - July 2025

Preparatory Scientific Classes (Mathematics and Physics)
ESTEM – Casablanca, MOROCCO
2020 - 2022

Scientific Baccalaureate with Honors
Félix Houphouët-Boigny Scientific High School – Yamoussoukro, IVORY COAST
2017 - 2020

LANGUAGES AND INTERESTS

Languages: French (Native) | English (B1/B2) | German (A1)
Interests: Sports (Basketball, Volleyball, Athletics) | General Knowledge (History, Science) | Traveling (France, Morocco…)