

# KOUADIO ABEL BEKANTIÉ

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

☎ +212 694 99 65 59 | ✉ [abelkouadio195@gmail.com](mailto:abelkouadio195@gmail.com) | 🌐 <https://abelkouadio-portfolio.vercel.app>

🔗 <https://github.com/Abelkouadio95> | 💼 <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...)