

LOKOSSOU Dossou Kajarnak

Artificial Intelligence and Machine Learning — Aspiring Mobile Developer

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PROFILE

AI/ML student and builder, trained through international certifications (IBM, DataCamp, freeCodeCamp) and author of 25+ open-source Python projects spanning computer vision, NLP, RAG chatbots, and machine learning. Active member of 5 African tech communities. I build AI solutions with real-world impact across agriculture, healthcare, and education, and I am expanding into mobile app development with Flutter. NOAI Benin 2026 Laureate and IOAI 2026 Participant.

ACHIEVEMENTS

- **Laureate** — National Olympiad of Artificial Intelligence (NOAI) Benin 2026
- **Participant** — International Olympiad in Artificial Intelligence (IOAI) 2026
- **Honors** — International Computer Science Competition (ICSC) 2026
- **Founder** — Kajarnak Tech, a digital agency building AI-powered products

PROJECTS — GITHUB

VisionGuard-CV · Python · OpenCV · Computer Vision

Real-time object detection and image classification from a live webcam feed, built on a modular image-processing pipeline with YOLOv8 and Haar cascades.

RAG-Chatbot-Engine · Python · LLM · Vector Database

Retrieval-augmented generation chatbot: document ingestion, semantic search with ChromaDB and sentence-transformers, context-aware responses, served through a FastAPI REST API.

AGRI_SMART · AI · AgriTech · Concept

AI platform concept for crop diagnostics, weather forecasting, and personalized guidance for Beninese farmers.

SmartPredict-ML · Python · Scikit-learn · Streamlit

Self-serve ML platform for user-uploaded datasets: exploratory data analysis, automated model comparison (8+ algorithms), and hyperparameter tuning.

AI-Document-Analyzer · Python · NLP · Streamlit

NLP-powered document analysis app: sentiment detection, keyword extraction, and automatic summarization.

+ 20 other public repositories — ML (regression, MLP classification, CNNs), ETL pipelines, API microservices, and web tools: github.com/KajarnakLOKOSSOU2008

EDUCATION

Bachelor of Science in Computer Science — University of the People

Online, USA | 2026 — in progress

Algorithms and data structures, programming, databases, software engineering.

Machine Learning Engineering — DataCamp

Online, self-paced | 2026 — ongoing

ML engineering track: pipelines, deployment, and model productionization.

Licence 1 — Sociology — University of Abomey-Calavi (UAC)

Benin | 2025 — present

Research methodology and human-centered design for inclusive AI.

Baccalaureat, Series D (Science) — Distinction: Good — CEG Le Nokoue, Cotonou | 2025

BEPC, Science Series — Distinction: Very Good — CEG Le Nokoue, Cotonou | 2022

CERTIFICATIONS

- **IBM Data Science Professional** — Coursera · IBM
- **IBM Machine Learning Professional** — Coursera · IBM
- **Associate AI Engineer for Data Scientists** — DataCamp, 2026
- **Python Developer** — DataCamp
- **Data Analysis with Python** — freeCodeCamp, 2026
- **Machine Learning with Python** — freeCodeCamp
- **Scientific Computing with Python** — freeCodeCamp
- **Python** — Coursera
- **Python** — Saylor Academy

SKILLS

Languages: Python, JavaScript, HTML/CSS

AI and Data: Machine Learning, NLP, Computer Vision, Scikit-learn, Pandas/NumPy

Tools: Git/GitHub, Jupyter, Streamlit, Google Colab

2026 Goal: Flutter — Mobile App Development

COMMUNITIES

Benin AI Community · Club IA Benin Excellence · IndabaX Benin · Isheero · 10000 Codeurs

LANGUAGES

French: Native | **English:** B1 Intermediate (EF SET)

SOFT SKILLS

Autonomy · Creativity · Critical Thinking · Adaptability