

FOZAME ENDEZOU MOU Armand Bryan

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Education

Aivancity, Cachan September 2023 - Present
MSc in Artificial Intelligence and Data Science (GPA: 14.89/20)
ESPRIT, Tunis September 2019 - Present
Engineering Telecommunication Diploma (GPA: 14.75/20)

Professional Experience

Digitalent, Paris, France April, 2024 - September 2024
Data Scientist Internship (Neural Network Optimization)
Ministry of Posts and Telecommunications, Yaounde, Cameroon July 30, 2024 - September 30, 2024
Data Scientist Internship (Forecasting Insights on Telecom Data with RNN)

Research Interests

Applications of computer vision models.
Scene understanding.
Generative AI
Self supervised learning.
Graph Neural Network and Knowledge graph.

Technical Skills

Programming: Python, C/C++, MATLAB, OpenCV, PyTorch, TensorFlow
Tools: Linux OS, Docker

Projects

Recommendation System with Limitless Data

Developed a recommendation model for the Olympic Games to suggest tourist attractions to visitors.
Skills: LLM, Embedding, Vector Database

Counting Microorganisms Using Object Detection

Implemented object detection to count different types of microorganisms in limited data.
Skills: Computer Vision, YOLO

Analysis of 4G/5G IP Packet Core failure in an NFV Network

Predicted network failures in the core network using recurrent neural networks to detect anomalies 10 minutes in advance.
Skills: Recurrent Neural Networks, LSTM, Anomaly Detection

Vision-Based VHS Measurement for Animal Diagnosis

Utilized computer vision models to efficiently calculate the Vertebral Heart Score (VHS) of animals for diagnostic purposes.
Skills: Computer Vision, Deep Learning

VisionAI - Solving AI Challenges with a Team Approach

Collaborated with peers to create VisionAI, a project aimed at addressing real-world problems using artificial intelligence.
Skills: Collaboration, Machine Learning, Vision Models

Distinctions

Silver Medal, AI/ML for 5G-Energy Consumption Modelling by ITU AI/ML in 5G Challenge

Best Project in Telecommunications, ESPRIT

2nd Best Project Respecting SDGs, ESPRIT

Hobbies

Enjoy playing checkers (draughts).

Passion for creating and experimenting with AI solutions.