BOKOSSA FREUD - ARTHUR

ARTIFICIAL INTELLIGENCE STUDENT

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Freud BOKOSSA FreudArthur Bénin 15/01/2007

PROFIL

Passionate about technology, artificial intelligence, IoT, robotics, and future technologies, I am a motivated and hard-working young man. Trained as a data scientist with a focus on MLOps, I am equally interested in the fields of cloud computing and cybersecurity and am open to retraining. I enjoy learning and discovering new things, particularly in relation to machine learning, in order to find solutions to current problems and strengthen our knowledge in this field.

EXPERIENCES

IndabaX Benin 2025
Attending of the 2025 edition of IndabaX, which gave me the opportunity to network and learn more about AI and data

Summer School (Fondation Vallet and Benin Excellence) 2024
Participation in the Summer School on Artificial Intelligence
- Introduction to Artificial Intelligence, Machine Learning, and Robotics
- Creation of an application for automatic summarization of legal texts

PROJETS

ThomasBot
Development of a biblical chatbot capable of answering questions about the Bible using Llama and Mistral model from Hugging Face combined with RAG

CineMatch
Development of a movie recommendation system based on user input using the IMDb database, scikit-learn, Django, HTML, CSS, and Docker

Spam Detection
Development of a spam detection system using scikit-learn with precision rate of 98%

Go Together
Development of a carpooling web app that connects students so they can ride to school together with Django

Dogs or Cats
Development of a deep learning model to classify images of dogs and cats using a convolutional neural network (CNN), TensorFlow, and a Kaggle dataset, achieving an accuracy rate of 75%.

Horizon
Development of a temperature prediction model using time series data to forecast temperature with GRU and LSTM, achieving an MSE of 2.91 and an MAE of 0.93

Shoes Classification
Development of a deep learning model to classify shoe categories, including ballet flats, boat shoes, brogues, clogs, and sneakers, using CNNs and PyTorch, which yielded an overall accuracy of 66%

FORMATION

Bachelor's degree , Year 2 2024 – 2027
IFRI - UAC Abomey Calavi
Specialization in Artificial Intelligence

High school diploma 2024
Lycée Houffon
C Serie

First Cycle Studies Certificate 2021
Collège Catholique de Klouékanmè

SKILLS

Programming Languages
Python, Javascript, C , C++ , R , SQL

Machine Learning & Deep Learning
Librairies : Scikit-Learn , Pytorch, Tensorflow , Pandas , Numpy, Open CV

Data & Visualisation
Matplotlib , Seaborn , EDA , Excel

Mathematics
Statistics, Probability, Linear Algebra

MLOps
Docker , Git/GitHub Actions , CI/CD , FastAPI

Database management
MySQL, PostgreSQL

Web Development
Django, Rest API

LANGUAGES

Français

Anglais
(Intermédiaire)

Fon
(Natif)

CERTIFICATIONS

Introduction to SQL
Sololearn

Introduction to Python
Sololearn

Machine Learning for Beginners
Sololearn

Intro to Machine Learning
Kaggle

Intro to Deep Learning
Kaggle

Intro to Pandas
Kaggle

Programmation Java
Cursa

Data Visualization
Kaggle

Introduction to Git
DataCamp

SQL and Relationnal Database
IBM

Introduction to R , deep learning with Pytorch , Python Intermediate, Deep Learning for text
DataCamp

Cloud Service
Microsoft