Amisi Fikirini

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Goal

Passionate and proactive, always open to new challenges, I am characterized by adaptability, organization, patience and empathy. I like being a part of a team in a dynamic environment, and get as much pleasure from helping others grasp new concepts as I enjoy learning from them.

Key skills

Data Analysis	Data Analytics, Data Visualization, Data Mining, Web Scraping
Model Development	Machine Learning & Deep Learning Algorithms, Computer Vision, Natural Processing Language
Software Engineering	Mobile and Web Development
Algorithms and Data Structure	
Database Management	SQL and No SQL
Cloud Deployment (CI/CD)	AWS, GCP
Training & Mentoring	

Technical skills

Programming Languages	Python(Django, FastAPI), Dart - Flutter, JavaScript(NodeJS - Express, ReactJS), SQL
Tools/Pattern	PostgreSQL, MongoDB, Linux, GIT, GitHub,GitLab, Bitbucket, OOP
Packages/Libraries	NumPy, Pandas, PyTorch, Jax, TensorFlow, Detectron2, Scikit-Learn, Scipy, NLTK, Beautiful Soup, Matplotlib

Education

Master's degree in Machine Intelligence — *African Masters in Machine Intelligence, AMMI - Senegal*
Master's degree program — *January 2023 - October 2023*

Master's degree in Mathematical Sciences — *African Institute for Mathematical Sciences, AIMS - Senegal*
Master's degree program — *October 2021 - July 2023*
Thesis title: Attributing credit for customer acquisition to different components of a digital marketing campaign using an analytical model

Bachelor's degree in Computer Science — *University of Kinshasa, Congo DR*
Bachelor's degree program — *November 2012 - July 2017*
Capstone project: USSD technology at the heart of Interoperability and Banking - Mobile transactions

Work experience

JADE Service — *August 2022 – January 2023*
Consultant on Software Engineering — *Kinshasa, DR Congo*

- Software development.

PAMOJA Agriculture
Consultant on Data Analysis and Software Engineering

April 2020 – June 2021
Kinshasa, DR Congo

- Data Analysis, Traitments and Insights.
- Software development(Data Collect System).

GENERAL DIRECTORATE OF MIGRATION - DR Congo
Consultant on Data Analysis and Software Engineering

November 2019 – February 2021
Kinshasa, DR Congo

- Online visa application system development (e-visa.gouv.cd)
- Data Cleaning, migrations, Analysis & Visualization

UPSAIL Africa
Consultant Software Engineer

November 2019 – January 2021
Kinshasa, DR Congo

- Software development

BRIGHT TECHNOLOGY
Software Engineer

August 2019 – October 2021
Kinshasa, DR Congo

- Project lead (design, plan and deploy)
- Backend development

University of Kinshasa
Teaching Assistant

November 2019 – December 2020
Kinshasa, DR Congo

- Practical sessions
- Thesis and Memories co-direction

Technical Projects

Cassava Leaf Disease Classification
Computer Vision course's final project

AMMI 2023, Kaggle competition
M'bour, Senegal

Cassava is known to be one of the key staples and food security crops in Africa, However, diseases that plague the crop are still a major challenge causing annual yield. In the context of computer vision's course, the Cassava Disease Recognition is an kaggle competition which aim to build a model as an automated tool that could potentially guide experts to diagnose disease more reliably and enable farmers, independently of their position to monitor their crops without experts.

Generative Adversarial Networks
Group's Project

AMMI-2023
M'bour, Senegal

It is about to build two neural networks called "Discrimanotor" and "Generator" in order to confirm the generated images by a real one or a fake.

Model Attribution Credit for Digital Marketing
Master's thesis project

July 2022
M'bour, Senegal

Using Markov chain model for modeling customer's journey up to conversion and combine two models (logistic regression and naive bayes) for forecasting conversion and help optimizing credit for advisiting.

Machine Translation
NLP course's final project

May 2022
M'bour, Senegal

This project aim to implementing a model which allows to translate languages from french to Ewe; from french to Fongbe. The Corpus used was downloaded from Kaggle.

Tax Payment
City Hall of Kinshasa

e-tax.com
Kinshasa, Congo DR

The system (web app and Mobile) help to canalize incomes. (ReactJS, NodeJS – express, PostgreSQL)

E-Visa Congo DR   *evisa.gouv.cd*
DGM   *Kinshasa, Congo DR*
Web platform for electronical visa

Workshops

Build a ChatGPT-like interface on top of the data. Using LangChain and OpenAI's API
July 2023
Online participant   *Fourth Brain*

Deep Learning for Satellite Imagery   *January 2023*
Online participant

Exploratory Data Analysis   *December 2022*
Online participant

Soft skills

Bilingual Communicator	English and French (native)
Problem Solver	Modeling techniques
Excited to learn new things	Mainly in technology, articles
Team work	Culture mixtures
Public Speaker	Trainer
Teaching Assistant	Pratical sessions and thesis orientation
Strong organisational and interpersonal skills	workshops, conferences, training and others

Certifications

Data Analysis with Python	IBM
Data Analysis with R Programming	Google
Machine and Deep Learning	IBM
Foundations of User Experience (UX) Design	Google
Developing Cloud Apps with Node.js and React	IBM
Developing Cloud Native Applications	IBM
Full Stack Cloud Development Capstone Project	IBM
Server-side Development with NodeJS, Express and MongoDB	The Hong Kong University of Science and Technology
Front-End Development with React	The Hong Kong University of Science and Technology