Fred Okondza
Data Scientist | Electronician Engineer
fred.okondza@aims-cameroon.org | +237 658 49 90 40 | github.com/okondza-fred

Professional Summary . . . .

With a strong passion for New Information and Communication Technologies (NICT) from an early age and a background in electronics and telecommunications, I have developed solid technical skills through internships and various academic experiences. A team player with excellent adaptability, active listening, and the ability to thrive under pressure, I have recently redirected my career towards data science, focusing on data engineering and solving complex challenges using advanced technologies. I am actively seeking professional opportunities as a data scientist or data engineer to contribute to innovative projects in the field of data science.

Areas of Expertise . . . .

Professional Skills

- Machine Learning and AI Solutions
- Data Analysis and Visualization
- FTTH Technology
- Network CCNA CISCO
- Problem-solving and Critical Thinking

Technical Skills

- Programming Languages: Python, R, SQL, HTML & CSS
- Data Tools:Pandas, NumPy, Table
- ML Frameworks: TensorFlow, PyTorch
- Development Tools: Git
- Pack office : Word, Excel, PowerPoint

Experience . . . .

Telecommunications Intern

Practical training at Congo Telecom — 2024

April 2024 – July 2024

- Installation, Maintenance, Line Transfert,Troubleshooting FTTH.

Practical internship at MTN CG

2022 – 2023

- Network Operating Center (NOC).
- Network service delivery.

Pratical internship in Congolese Broadcasting (TDC)

2019 – 2020

- Microwave Technology.
- Flay way (satellite uplink).

Education ....

Cooperative Master's of Science in Data Science (Ongoing)

African Institute for Mathematical Sciences (AIMS) , Limbe, Cameroon
August 2024 – Present

Engineering in Electronics

National Advanced School of Engineering (UMNG), Republic of Congo
2022 –

Bachelor's degree in electronics and Telecommunications

National Advanced School of Engineering (UMNG), Republic of Congo
2020 – 2021

Projects ....

Analyzing and optimizing a winner Takes All logic architecture to improve the KNN algorithm in ML

Technologies: VHDL, ModelSim, Quartus II

Database handling platform for tools sharing/renting in local community (Ongoing)

Implemented a collaborative filtering algorithm to enhance personalized product recommendations.
Technologies: Python, SQL,MySql

References

- James J. Njong, *Student Development* & *Cooperative Education Manager, AIMS-Cameroon*

- Engineer Dr. Unis Tsimou Bokassa, GBUT

- Engineer Bocalayko, *Specialist Engineer MTN CG*