

FRANCIS JINGO

francisjingo3@gmail.com | linkedin.com/in/francis-jingo | github.com/jingof | 404-379-0176

SUMMARY

As an adept data scientist and engineer with experience in the financial and telecommunication sectors, I offer expertise in analytics tools, programming languages, and data techniques. Confident in adding value to any team, I am eager to contribute my skills to innovative data projects, embracing challenges in evolving data analytics and machine learning domains.

EDUCATION

EMORY UNIVERSITY – GOIZUETA BUSINESS SCHOOL

Atlanta, GA

Master of Science in Business Analytics (MSBA) - STEM credentialed program*

May 2024

- Business Analytics, Machine Learning, Big Data Management, Social Network Analytics, Data Visualization

CARNEGIE MELLON UNIVERSITY – SCHOOL OF ENGINEERING

Kigali, Rwanda

Master of Science in Information Technology

May 2022

- Data Structures and Algorithms, Data Science & Analytics, Cloud Data Infrastructures, Augmented and Virtual Reality, Distributed Systems, Information Security, Stochastic Processes

COMPETENCIES

Languages: Python, SQL, R, Bash Scripting

Big Data Technologies: Hadoop, Hive, Spark, Sqoop, Oozie, Neo4j

Cloud Tools: AWS (EC2, EMR, RDS, Notebook), Azure (Databricks, Data Lake), GCP

Analytics Tools: Excel, Tableau, Power BI, Google Looker Studio, Big Query, NoSQL, Git

Libraries: NumPy, Pandas, Seaborn, Scikit-learn, Pyspark, Tensorflow, NetworkX, Tidyverse, PyTorch, NLTK

Techniques: ETL design, data warehouse, machine learning, business analytics, predictive modelling, visualization, time series forecasting, fraud detection, healthcare analytics, human resource analytics, sports analytics.

DATA SCIENCE PROJECTS

- Conducted social network analysis to inform cross-selling strategies by identifying key influencers and customer connections.
- Developed a credit scoring model to assess creditworthiness, informing risk assessment and decision-making.
- Set up an automated reconciliation tool to quicken transaction reconciliation and easily identify potential fraudulent cases.
- Conducted sentiment analysis on customer reviews, leading to segmentation for product marketing and advertising initiatives.
- Designed ETL pipelines to enhance data readiness and optimize query efficiency for key business statistics.

WORK EXPERIENCE

MTN MOBILE MONEY UGANDA

Kampala, Uganda

Manager, Insights & Analytics

September 2022 – June 2023

- Developed and maintained reusable and secure insights, and data analytics solutions.
- Created, tested, and maintained data pipelines that are scalable, repeatable, and secure.
- Lead data insight projects like social network analysis which was a basis for customer segmentation and cross selling.
- Facilitated data sourcing, quality standardizing formats and speedy delivery and usability to downstream partners.

ROHDE & SCHWARZ ASIA

Kigali, Rwanda

Software Developer

June 2022 - August 2022

- Improved Deep Packet Inspection library using C/C++, increasing efficiency and system confidence.
- Designed Python scripts for automation and Mobile Automation Framework reducing daily manual workload by 3 hours.
- Achieved service level delivery against the agreed business targets.

ENGIE ENERGY ACCESS

Kampala, Uganda

Data Science Intern

May 2022 - August 2022

- Created analysis charts and visualizations based on findings from Mobisol data analysis.
- Pioneered data validation, analysis, and predictive modelling of the Miss First Payment project.
- Discovered insights and reduced client support resource utilization by 33%.

ADDITIONAL INFORMATION

* *STEM credential offers up to three years U.S. Work Authorization eligibility*

- *Languages:* English (Fluent)
- *Certificates:* Udacity in AWS Cloud Development, Harvard University certificate in R for Data Science via EDX