

## FRANCIS JINGO

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### 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, RW

Master of Science in Information Technology

May 2022

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

### DATA SCIENCE COMPETENCIES

*Analytics Tools:* Excel, Tableau, Tensorflow, NetworkX, AWS, BigQuery, NoSQL, Git

*Programming Languages:* Python (Numpy, Pandas, Seaborn, Scikit-learn), SQL, Hive, VBA, C++, R, Bash,

*Techniques:* Data Warehouse, Machine Learning, Network Analysis, Big Data, Statistical Analysis, Visualization, Optimization, Automation, Hadoop, Apache

### DATA SCIENCE PROJECTS

- Social Network Analysis to classify telecommunication customer behavior traits to aid product cross selling
- Predicted repayment credibility of potential customers for Engie energy appliances
- Designed ETL pipelines to promote data readiness and improve querying efficiency for business statistics
- Set up auto reconciliation tool to quicken transactional reconciliation and flag possible fraudulent cases
- Performed text analysis to align commonly used words with WhatsApp group creation objectives and goals
- Advised risk and compliance teams by providing hourly reports on the business performance with critical change in trends

### EXPERIENCE

#### MTN MOBILE MONEY UGANDA

Kampala, UG

*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, RW

*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, UG

*Data Science Intern*

Summer 2021

- 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)
- Udacity certificate in AWS Cloud Development
- Harvard University certificate in R for Data Science online via EDX
- Personal profile <https://jingof.github.io/>