**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/