**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, Stata, Git, Grafana

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

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

**DATA SCIENCE PROJECTS**

* Social Network Analysis to classify telecommunication customer behavior traits to aid product cross selling
* Predict repayment credibility of potential customers for Engie energy appliances
* Design 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
* Text analysis to align commonly used words with WhatsApp group creation objectives and goals
* Aid 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*

* Develop and maintain reusable and secure insights, and data analytics solutions
* Develop, test, and maintain data pipelines that are scalable, repeatable, and secure
* Lead data insight projects and revenue generating analytics
* Facilitate data sourcing, quality standardizing formats and speedy delivery and usability to downstream partners

**ROHDE & SCHWARZ ASIA** Kigali, RW

***Software Developer,*** *June - August 2022*

* C/C++ for Deep Packet Inspection
* Python for scripting and Mobile Automation Framework
* Achieve service level delivery against the agreed business targets
* Continuously seek self-professional development to sharpen capabilities in an evolving digital landscape

**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 Cloud Development
* EDx certificate in R for Data Science