GEOFREY MACHARIA

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PROFESSIONAL EXPERIENCE

Software Engineer;   *Jan 2024 – Current*
Msimbo
- Developed and designed Payment service platforms enabling transfer of funds and making purchases locally and internationally.
- Assisted in the development and deployment of a live bidding platform in Uganda, acquiring 20 million in revenue on its initial month of release.
- Designed and developed an agritech software encompassing a multitude of services such Agronomy,veterinary insurance services to farmers, as well as a virtual market for farmers to buy and sell products.

Data Analyst;   *July 2022 – Nov 2023*
Upwork
- Aided clients in creation and thorough documentation of end-to-end machine learning projects.
- Cleaned and processed client data using SQL and Microsoft Excel to aid client teams build their recommendation system model.
- Provided proposals to client stakeholders by uncovering underlying insights from the data provided and reporting the results through a PowerBI dashboard.
- Identified trends in multiple time series data and developed their respective forecast models.

ICT NOC Intern;   *Sept 2021 – Dec 2021*
ICT Authority
- Aided Network manager in identifying issues and providing crucial troubleshooting analysis of servers.
- Configured back up for Government Common Core Network and National Optical Fiber Backbone; increasing network uptime by 1.2%
- Assisted tech lead in integration of new Libre Network Management System.
- Assisted in creation and presentation of weekly and monthly network -uptime reports.

EDUCATION

Murang'a University – *Murang'a*   *Sept 2018 – Nov2022*
    Bachelor of Science in Information Technology: GPA: 3.5
    Concentrations: Computer Programming, Statistics, Business Intelligence.
    Relevant Coursework: Probability and Statistics, Information systems, Database Management, Computer programming, Data Structures and Algorithms, Calculus I & II, Artificial Intelligence.

Menengai High School - *Nakuru*   *Feb 2014 - Dec 2017*
    High school certificate

SKILLS

- Data Analysis, Data mining. Predictive modeling, Machine Learning, Data Visualization, Statistical Analysis, Quantitative Analysis, Time Series Forecasting, Natural Language Processing, R and Python programming, SQL, Sckit-learn, Html, CSS, Streamlit, Version control, Microsoft Excel

CERTIFICATIONS

Data Analysis with Python – IBM   *Dec 2023*

Python for Data Science, AI & Development – IBM and 365 Data Science   *Dec 2023*

Databases and SQL for Data Science – IBM   *Dec 2023*

Machine Learning in Python – IBM and 365 Data Science   *Nov 2021*

Deep Learning with TensorFlow – 365 Data Science   *Dec 2021*