(616) 273-1659

muthomian@gmail.com

Ian Mbaya

ABOUT ME

A former QA Engineer pivoting into Data Science. Enthusiastic about the use of data and technology to solve real-world problems.

Interested in internships and entry-level positions in Machine Learning, Data Science, & Analytics.

SKILLS

Python

SAS

SQL

Github & JIRA

Writing and Communication

Tableau Visualization

R Programming

LINKS

Website:
https://ian-mbaya.github.io/imbaya.github.io/#

GitHub:
https://github.com/Ian-mbaya

HackerRank:
https://www.hackerrank.com/mbayai

Kaggle:
https://www.kaggle.com/ianmbaya

EDUCATION

MS. Data Science & Analytics
Grand Valley State University / Allendale, MI / 2024

Coursework: Seminar in Professional Science Practice, Applied Statistics, Statistical Computing & Graphics with R, Data Engineering, Data Visualization, Machine Learning, Data Mining, Multivariate Data Analysis, and Statistical Modelling & Regression.

BSc. Information technology
Maseno University / Maseno, Kenya / 2017

Coursework: Business Information Systems, Computer Programming, IT Infrastructure, Networking, Computer Hardware, System Administration, Mobile & Web Systems, Database Management, & Information Assurance & Security.

WORK EXPERIENCE

Database Administrator
Creston Industrial Sales / Grand Rapids / May 2023 - Aug 2023

- Reviewed, prepared, and uploaded product catalogs from different vendors into company databases.
- Maintained accurate records on tool data, costs, and prices for ERP and e-commerce platforms.

Software QA Engineer
Sharelook / Singapore / May 2019 - Jul 2022

- Developed and executed scripts for both manual and automated testing.
- Utilized SQL to extract, transform, and load data during the implementation of innovative EdTech solutions such as Sharelook Maze, AI learning, and Course Builder.
- Collaborated in analyzing design specifications and maintaining software quality during the software development and implementation process.
- Created documentation and presentations for tracking software bugs and new feature implementations.

Data Entry & Management
Kenya Copyright Board / Nairobi, Kenya / Dec 2017 - Nov 2018

- Successfully migrated over 10,000 legacy system records to a newly integrated ERP.
- Conducted data analysis and aggregation using Microsoft Excel to identify discrepancies and ensure data accuracy.
- Generated hundreds of reports and chart audits for migrated copyright records, utilizing Excel's data manipulation and visualization capabilities.
- Applied Excel's functions such as VLOOKUP, SUMIF, and PivotTables to summarize data, and maintain its integrity and completeness throughout the migration process.