

IAN MBAYA

CONTACTS

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☎ (616) 273-1659

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 IT, data science, and analytics.

SKILLS

- SQL
- Tableau Visualization
- R Programming
- Microsoft Excel
- Python
- Github & JIRA
- Statistical Analysis
- Writing and Communication

PROJECTS & BADGES

Github:
https://github.com/ian-mbaya/MyHub/blob/main/ETL_Project.ipynb

Hacher Rank:
<https://www.hackerrank.com/mbayai>

EDUCATION

MS. DATA SCIENCE & ANALYTICS | 2024

Grand Valley State University, Allendale, MI

Coursework: Seminar in Professional Science Practice, Applied Statistics, Statistical Computing & Graphics with R, Information Management, Data Visualization, Machine Learning, and Data Mining.

BSC. INFORMATION TECHNOLOGY | 2017

Maseno University, Maseno, Kenya

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 | MAY - 2023
AUG - 2023

Creston Industrial Sales, Grand Rapids

- 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 | MAY - 2019
JUL - 2022

Sharelook, Singapore

- 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 | DEC - 2017
NOV - 2018

Kenya Copyright Board, Nairobi, Kenya

- 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.