EMMANUEL TAKAWENGWA

Head Of IT, Biomedical Research and Training Institute

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🔗 https://www.linkedin.com/in/emmanuel-takawengwa-9a0770124/   📍 Westgate

SUMMARY

I am dedicated to leveraging data-driven insights to support informed decision-making and drive organizational success. Committed to maintaining data integrity and implementing robust data governance practices, I thrive in collaborative environments and possess strong communication skills. With a passion for utilizing data to solve business challenges

EXPERIENCE

Software Developer

PortableCloud Zimbabwe

📅 12/2019 - 05/2020   📍 Avondale

Portable cloud solutions

- Automation of recurring tasks in Linux(Bash)
- WebApps development with Python (Django)
- Software debugging and diagnosis
- Digitizing manual forms with Open Data kit
- Server Maintainance, troubleshooting, data recovery and backup

Head Of IT

Biomedical Research and Training Institute

📅 06/2020 - Present   📍 Location

Biomedical research and training

- Data harmonization
- Data collection, cleaning, storage and analysis from multiple studies
- Automation of data extraction, pre-processing, cleaning and analysis with Python
- Programming of WebApps for data visualization
- Team player in positions of leadership and non-leadership
- Fast and willing learner
- User support and training

EDUCATION

MASTER OF SCIENCE in DATA SCIENCE AND INFORMATICS

University of zimbabwe

📅 08/2021 - 2023

B.S.C in COMPUTER SCIENCE

University of zimbabwe

📅 02/2016 - 12/2019

Advanced level

Speciss college chitungwiza

📅 01/2013 - 12/2014

Ordinary Level

Zengeza 4 HIGH SCHOOL

📅 02/2009 - 12/2012

CERTIFICATION

Bioinformatics, Data Scientist Toolbox, R programming

Coursera, BRTI

Python, Linux, Information Security

Coursera

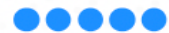**Ethics in Health Research in Africa**

BRTI

LANGUAGES

English
Advanced   ●●●○○

Shona
Native   ●●●●●

TECHNICAL SKILLS

Automation   Programming

Terminal   Data Manipulation

Debugging   Docker   Github

Information Security   Java   Linux

Microsoft Windows   Moodle

MySQL   Python

Software Development

Oracle Virtual Box   MS VMWare

Windows Server

ACHIEVEMENTS

💎 **What are you most proud of?**

Automation of BRTI's laboratory by our department helped reduce the workload of the staff by 30%.

TRAINING / COURSES

Gut Check: Exploring Your Microbiome

AWARDS

◈ **UZ Vice Chancellor's Mobile App Challenge 2019**

PROJECTS

Github

📅 Date period　📍 Location

My respository of most of my automation projects

- https://github.com/kastel21/

PASSIONS

◈ studying astrophysics

◈ writing short stories and music

REFERENCES

Simon Chigeza BRTI
0773299886

Dr B. Nyambo UZ
0777970607

Mr R. Mutetwa Wellnescript
0777065959