



Moris Mutuma

Born 29th of February 2000
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CERTIFICATES

Other: Training Certificates

Credited Training Certificate by an Education Body / Institution recognised by KNEC, TVET, CDACC and KASNEB
Apr 2022

Other: Training Certificates

Credited Training Certificate by an Education Body / Institution recognised by KNEC, TVET, CDACC and KASNEB
Jan 2023

Other: Training Certificates

Credited Training Certificate by an Education Body / Institution recognised by KNEC, TVET, CDACC and KASNEB
Jan 2023

First Aid Certificate

St John Ambulance First Aid Certificate Kenya Institute of Highway and Building Technology
First Aid Certificate
Mar 2024

Other: Training Certificates

Credited Training Certificate by an Education Body / Institution recognised by KNEC, TVET, CDACC and KASNEB
Mar 2022

Others: Membership Certificate

Ownership of a membership certificate from a regulatory Organisation / Society representing a field of expertise.
Mar 2024

Others: Membership Certificate

Ownership of a membership certificate from a regulatory Organisation / Society representing a field of expertise.
Oct 2024

Other: Training Certificates

Credited Training Certificate by an Education Body / Institution recognised by KNEC, TVET, CDACC and KASNEB
Mar 2023

ASSOCIATIONS

KENYA RED CROSS



INTRO

PERSONAL PROFILE

Highly motivated and detail-oriented Computer Science graduate with First Class Honors from Maasai Mara University. Passionate about leveraging technology to enhance operational efficiency and innovation. Skilled in ICT systems support, network management, data security, and end-user training. Dedicated to contributing to the success of forward-thinking organizations.



WORK EXPERIENCE

Attaché, ICT Department

KALRO • May 2023 – Aug 2023

- Provided first-line support for technical issues related to hardware, software, and applications.
- Assisted in installing, configuring, and maintaining ICT equipment and systems.
- Monitored network performance and resolved connectivity issues.
- Supported data backup, recovery, and archiving processes.

Attachee

KALRO • May 2023 – Aug 2023

Plant Disease Detection (2024, Maasai Mara University)

- Developed a machine learning application using Python and Django to identify plant diseases early.
- Designed a web-based platform for data input and result visualization.
- Tools/Technologies: Python, Django, MySQL
- Outcome: Achieved 96% accuracy in disease detection.

Web-based Application Development (2022, Maasai Mara University)

- Created a full-stack application with CSS, HTML, and PHP.
- Integrated user authentication and authorization.
- Deployed the application on GitHub for accessibility.

Uber-like Mobile Application

- Developed a mobile app for real-time GPS tracking for passengers using Java and Android Studio.
- Tools/Technologies: Java, Android Studio, Google Maps API
- Outcome: Enhanced accessibility and improved user experience.

Volunteer

Environment Conservation and Management, Kenya Forest Management Programs • Apr 2017 – May 2017

- Organized activities to ensure efficiency in operations.
- Collaborated with team members to achieve project goals.



EDUCATION

Bachelor of Science in Computer Science

Maasai Mara University • Sep 2020 – Jun 2024

I hold a First Class Honours degree in Computer Science from Maasai Mara University, where I gained a strong foundation in software development, database management, artificial intelligence, and digital transformation. Software Engineering – Focused on software development lifecycle, Agile methodologies, and version control with Git.

Database Systems – Designed and managed MySQL databases for various applications.

Artificial Intelligence & Machine Learning – Worked with Python libraries (Scikit-learn, TensorFlow) for predictive modeling.

Cybersecurity – Studied cryptography, network security, and ethical hacking principles.

project : Plant Disease Detection System – Used Python and machine learning to analyze and predict the model



SKILLS

Accounting IT-systems (use of) Social media usage (Facebook, Twitter, etc.) E-mail and internet

Customer support, CRM systems Geographic information systems (GIS)

File management and data back-up Installing new software

Enterprise Resource Planning - ERP system (use of) Basic computer maintenance

VOLUNTEER

SCIENTIST OF KENYA
ASSOCIATION
MEMBER

LANGUAGES

English
Spoken: Fluent • Written: Native

[Testing and debugging](#) [Code documentation](#) [Web service and application development](#)
[Troubleshooting](#) [Networking](#) [Python](#) [Office tools: Word, Excel, Outlook](#) [Programming](#) [Java](#)
[IT support](#) [IT equipment installation and configuration](#) [HTML](#) [Linux](#)
[Github \(or other software version management systems\)](#) [Database administration](#)
[Database query languages \(SQL, others\)](#) [CSS](#) [Android development](#)



HOBBIES

Reading & Online Courses – I constantly learn about technology, leadership, and innovation through books and online courses.
Volunteering & Knowledge Sharing – I mentor peers in coding and participate in tech communities and forums.
Coding & Software Development – I enjoy building web and AI-based applications, exploring new technologies, and contributing to open-source projects.
Cybersecurity & Ethical Hacking – I stay updated on cybersecurity trends and practice ethical hacking techniques for learning purposes.
Artificial Intelligence & Data Science – I experiment with AI models, machine learning algorithms, and data analytics projects.
Tech Blogging & Research – I write about emerging technologies, digital transformation, and AI advancements.



LINKS

<https://github.com/morismutuma/morismutuma.github.io>
<www.linkedin.com/in/moris-mutuma-97678b246>



REFERENCES

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Teacher • +254 724396358 • wanzala@mmarau.ac.ke
Dr. Domnic Menge • School of Science, Dean
Teacher • +254 727524229 • menges@mmarau.ac.ke