

MORIS MUTUMA

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SUMMARY

Aspiring AI researcher with a First-Class Honours degree in Computer Science from Maasai Mara University. Skilled in Python, Java, Django, Android development, and machine learning. Passionate about solving real-world problems using AI and software engineering best practices. Eager to contribute to innovative research initiatives.

EDUCATION

Maasai Mara University — B.Sc. in Computer Science, First Class Honours

Graduated: 9 December 2024

TECHNICAL SKILLS

- Languages: Python, Java, C++, HTML, CSS, SQL
- Frameworks & Tools: Django, Flask, Android Studio, Git, Jupyter Notebook, PyCharm, Visual Studio Code.
- Databases: MySQL, SQLite
- Other: REST APIs, GitHub, Agile, Figma, Machine Learning (Scikit-learn, Pandas, NumPy, TensorFlow)

PROJECTS & INTERSHIPS

Undergraduate Machine Learning Project – Maasai Mara University (2024)

- Designed and implemented a Convolutional neural network (CNN) to classify plant diseases from leaf images at early stages, aimed at assisting farmers with timely treatment recommendations to enhance food security.
- Utilized TensorFlow, NumPy, OpenCV, and YOLO for model training, image preprocessing, and object detection.
- Achieved an accuracy of 96.24% and successfully demonstrated the project during the final year defense.

AI Intern – CodSoft (Remote, April 2025 – May 2025)

- Built a movie genre classification model using NLP and ML techniques.
- Designed, trained, and tested algorithms using Python and Scikit-learn.

Software Engineering Intern – CodSoft (April 2025)

- Developed a Django-based Health Information System with REST API endpoints and database support.

Java Intern – CodSoft (April 2025)

- Created a CLI-based number guessing game using Java.

Android Developer Intern – CodSoft (April 2025)

- Built a To-Do List app using Java and Android Studio with SQLite integration.

Python Intern – CodSoft (April 2025)

- Developed a command-line To-Do List app, Scripting using Python and file I/O.
- Developed a Calculator app using Python

Loan Officer & Marketer – Platinum Co. Ltd (June–Nov 2024)

- Promoted company products, handled client records, and supported software tools in a fintech environment.

ICT Attaché – Kenya Agricultural and Livestock Research Organization (KALRO) (May–Aug 2023)

- Provided technical support and assisted in the installation and maintenance of ICT infrastructure.

CERTIFICATIONS

- Great Learning – Python Fundamentals for Beginners (Jan 2023)
- Great Learning – Introduction to Data Science (Jan 2023)
- Oracle Academy – Database Foundations Final Exam (March 2022)
- SkillUp/Simplilearn – Introduction to Cyber Security (April 2022)

VOLUNTEER EXPERIENCE

Kenya Forest Management Programs – Volunteer (2017)

- Participated in community environmental conservation activities.

PORTFOLIO

- GitHub: <https://github.com/morismutuma>
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