Name: **Ngetich Johnstone**

Tel:+254704893874

Email: ngetichjonnie402@gmail.com

Website: https://ngetichjohnstone.github.io/

Github: https://github.com/ngetichjohnstone

Objective:

Enthusiastic software developer and Machine Learning Engineer with a strong foundation in software development and machine learning. Eager to contribute to innovative projects, leverage my technical skills, and continue learning in a dynamic and collaborative environment.

Education:

Bachelor of Science in Computer Science, Murang'a University of Technology

Grade: Second class honours (Upper Division)

Graduation Date: Sept 2023

Technical Skills:

Programming Languages: Python, JavaScript, C, C++

Machine Learning Frameworks: TensorFlow, Keras, scikit-learn

Mobile App Development: Android Studio, Kotlin

Databases: MongoDB

Version Control: Git, GitHub

Web Technologies: HTML, CSS, JavaScript

Tools: Jupyter Notebook, Visual Studio Code, Android SDK

Operating Systems: Linux, Windows, macOS

Projects:

1. **Desktop Application:**

School Management system (June 2022 – August 2022)

School management information system MIS is a desktop application that is used in schools to keep record. The system has following modules students' registration, staff registration, Term reporting for students

2. **Machine Learning:**

Cryptocurrency price prediction using LSTM (January 2023 – April 2023)

Implemented LSTM model using TensorFlow and Keras for predicting the price of Bitcoin cryptocurrency.

Achieved 96% accuracy on a dataset of 2,147 days.

Employed parameter tuning for improved performance

3. **Web Development**

Personal Portfolio application

Designed and developed a responsive personal portfolio website using HTML, CSS, and JavaScript. Showcased projects, skills, and contact information. Hosted the website on a shared hosting platform.

Experience:

1.**ICT Officer (Student attachment), Longisa County Referral Hospital (May 2022-Aug 2022)**

✓ Provided technical support to hospital staff.

✓ Troubleshot hardware and software issues.

✓ Installed and configured network infrastructure.

✓ Ensured proper functioning of network infrastructure.

✓ HMIS Support and Design

2.**Secretary Assistant (Work-study programme), Office of the Dean, School of Computing and IT , Murang'a University of Technology (Jan 2023-Feb 2023**)

✓ Managed schedules and correspondences.

✓ Organized and maintained files and documents.

✓ Assisted with administrative tasks

Honors and Awards:

Dean's List – Murang'a University of Technology (3 semisters)

Referees

1. Kipngetich Kosgei- ICT officer in charge LCRH

   Tel:+254711211446

   Email: kipgetichkosgei@gmail.com

2. Dr. John G Ndia-Dean MUT-SCIT

   Email: deanscit@mut.ac.ke