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:**

Examination Management System (June 2022 – August 2022)

The main objective of this project is to improve processes, enhance data analysis, and achieve better outcomes in educational institutions, exam boards and other organizations that deal with student results.

Github link: https://github.com/ngetichjohnstone/examination-result-management-system

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

Github link: https://github.com/ngetichjohnstone/BTC-prediction-using-lstm

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.

Github link: https://github.com/ngetichjohnstone/ngetichjohnstone.github.io

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