Kelvin Khotso Kgarudi

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Professional Summary

Machine Learning and Data Science Honours student with strong experience in developing, evaluating, and deploying AI-driven solutions. Skilled in machine learning, deep learning, time-series forecasting, computer vision, and NLP, with hands-on deployment using Streamlit and cloud notebooks. Particularly interested in fraud detection and financial analytics.

Education

Bachelor of Science Honours in Data Science
Eduvos | Jan 2026 – Dec 2026
Focus: Machine Learning, AI, Statistical Modeling, Data Engineering

Bachelor of Science in Data Science
Eduvos | 2023 – 2025

Technical Skills

Programming	Python, SQL, R, C++
Machine Learning	Regression, Classification, Neural Networks, Time Series
Frameworks	Scikit-learn, TensorFlow, PyTorch
Data & Tools	Pandas, NumPy, Streamlit, Git, GitHub, Jupyter

Projects

• Credit Card Fraud Detection System – Compared ML models (Logistic Regression, Random Forest, Gradient Boosting, SVM, Neural Networks) and deployed a real-time Streamlit dashboard.

• AI Stock, Forex & Crypto Forecasting App – Built forecasting models using Prophet, ARIMA, LSTM and GRU for financial time-series analysis.

• Human Emotion Detection – Computer vision system using YOLO and TensorFlow to classify facial emotions.

• Sentiment Analysis Tweets Web App – NLP-based Streamlit app for real-time tweet sentiment analysis.

Certifications

IBM Machine Learning Professional Certificate
IBM Deep Learning with PyTorch, Keras & TensorFlow
Introduction to Neural Networks and PyTorch (IBM)

Interests

AI Research • Fraud Detection • Financial Technology • Christian Mentorship • Coding