

FELISTA MANOTI

DATA SCIENCE

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NAIROBI, KENYA

OBJECTIVE

To uphold creativity, invention and innovation that would lead to life solutions and better production in line with demand and prevailing economic situations, leveraging analytical skills and a passion for creating data-driven solutions

SKILLS & ABILITIES

Programming: Python, SQL

Machine Learning Frameworks: TensorFlow, PyTorch, Keras

Tools: Jupyter Notebook, Pandas, NumPy

EXPERIENCE

Aug 2024 - October

Data Science, Machine Learning Intern, Nyeri Referral Hospital | Engage Program

Key Roles and Responsibilities

- Performed data preprocessing, ensuring data quality and completeness for predictive models.
- Analyzed patient data to identify trends in disease prevalence and treatment outcomes.
- Presented findings in a departmental seminar, enhancing communication and teamwork skills.

April 2024 - July

Data Science, Machine Learning Trainee | KIEP SKIES Program Projects

Image Classification Using CNNs

- Built and trained a Convolutional Neural Network to classify images from the CIFAR-10 dataset.
- Achieved 87% accuracy using TensorFlow and Keras, leveraging data augmentation to improve model performance.

Customer Churn Prediction

- Analyzed a telecom company's dataset to identify churn patterns using logistic regression and random forest models.
- Improved prediction accuracy by 15% through hyperparameter tuning.

Object Detection with YOLO

- Developed a YOLO-based object detection model to identify vehicles in traffic images.
- Annotated the dataset using Roboflow and deployed the model on a local server

CERTIFICATION

Aug 2024 - October

Data Science | Machine Learning | AI for Public Health
Dedan Kimathi University of Technology | ENGAGE Program

May 2024 – July

Data Science | Machine Learning | AI Rapid Tech Skills
Dedan Kimathi University of Technology | KIEP SKIES Project

EDUCATION

2020-2024

Bachelors of Science in Computer Science
Dedan Kimathi University of Technology

COMMUNICATION

Strong written and verbal communication skills, including the ability to provide constructive feedback and collaborate effectively with colleagues and supervisors.