Christian Nganga

AI/Machine Learning Engineer

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Professional Summary

Aspiring AI/Machine Learning Engineer with foundational knowledge in machine learning, deep learning, and computer vision gained through hands-on certifications from Kaggle. Eager to apply skills in Python and TensorFlow to develop innovative AI solutions, including text classification models for sentiment analysis. Passionate about leveraging AI to solve real-world problems in automation and technology.

Skills

Programming	Python, TensorFlow, scikit-learn
Machine Learning	Supervised and unsupervised algorithms, model training and evaluation
Deep Learning	Neural networks, convolutional neural networks (CNNs)
Computer Vision	Image processing, object detection
Data Handling	Pandas, NumPy
Tools	Git, Jupyter Notebooks
Networking	Basic IP networking, device configuration (e.g., biometric systems)

Certifications

2025 — **Intro to Machine Learning**, *Kaggle*
Covered data preprocessing, model building, and validation techniques.
`https://www.kaggle.com/learn/certification/chriznganga/intro-to-machine-learning`

2025 — **Intro to Deep Learning**, *Kaggle*
Focused on building and training neural networks for predictive modeling.
`https://www.kaggle.com/learn/certification/chriznganga/intro-to-deep-learning`

2025 — **Computer Vision**, *Kaggle*
Explored image classification, feature extraction, and CNN architectures.
`https://www.kaggle.com/learn/certification/chriznganga/computer-vision`

Education

Ongoing (2025)	**Self-directed Learning**, *Online Platforms (Kaggle, Simplilearn)* Focused on AI, machine learning, and related technologies.

Projects

Sentiment Analysis Text Classifier	Developed a simple machine learning model using TensorFlow and Python to classify movie reviews as positive or negative. Preprocessed text data, trained a neural network, and achieved improved accuracy through hyperparameter tuning. Technologies: Python, TensorFlow, scikit-learn