



Emmanuel Oluoch Olang'

Teaching Fellow & Researcher

📍 20665,
00100 Nairobi, Kenya

✉️ oluoch9@gmail.com

📞 +254704929116

🖱️ e-olang.github.io

🏳️ Kenyan

🔄 e-olang

🌐 LinkedIn

🎓 Education

09/2018 – 12/2020
Nairobi, Kenya

Master of Science in Information Technology Degree, Strathmore University [🔗](#)
Business Intelligence and Data Analytics

01/2014 – 08/2017
Bondo, Kenya

Bachelor of Science Degree,
Jaramogi Oginga Odinga University of Science and Technology [🔗](#)
Computer Security and Forensics

📁 Professional Experience

Strathmore University

01/2021 – present
Nairobi, Kenya

Teaching Fellow

- Lecturer: Data Structures & Algorithms, Introduction to Artificial Intelligence & Database Systems.
- Undergraduate Students Information System Project Supervision.

09/2019 – 12/2020
Nairobi, Kenya

Graduate Assistant

- Lecturer: Data Structures & Algorithms
- Diploma Students Information System Project Supervision.

📁 Projects

02/2022 – present

Swahili Transformer Model [🔗](#)

A research project aimed at contributing towards low resource NLP by developing a neural network based on the transformer architecture. The goal is to have a transformer capable of aiding in tasks such as Named Entity Recognition & Text Classification

06/2019 – 06/2020

Master's Thesis [🔗](#)


Using Word2Vec feature generation in implementing a text classification model for classifying (binary) radical text on social media.

🧠 Skills

Python Programing	● ● ● ● ●	Machine Learning	● ● ● ● ●
Data Strucutres	● ● ● ● ●	Natural Language Processing	● ● ● ● ●
Algorithms	● ● ● ● ●	Database Systems	● ● ● ● ●

Organisations

01/2021 – present

Zindi Africa, *Volunteer Data Scientist* 

Taking part in developing solutions for various data science challenges e.g. a deep learning model for road detection on satellite maps.

05/2021

Nairobi, Kenya

Data Science East Africa, *Member*

Interests

Academic Research

Natural Language Processing, Reinforcement Learning & Deep Learning

Photography

Languages

• English

• Swahili

Certificates

Intermediate Machine Learning

Kaggle Micro Course Certificate

References

Dr Henry Muchiri, *Academic Director*, Strathmore University

hmuchiri@strathmore.edu

Dr Vitalis Ozianyi, *Lecturer and Academic Director*, Strathmore University

vozianyi@strathmore.edu

Dr Benard Shibwabo, *Director, Graduate Studies*, Strathmore University

bshibwabo@strathmore.edu