

Ron B. Nyonje

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• <https://github.com/ronnyonjetechn>

Machine/ Deep Learning Engineer

Computer vision | Natural Language Processing | Django, Python| Android, Java

Dynamic and results-oriented Machine Learning /Deep Learning engineer with a solid background in developing and implementing cutting-edge ML solutions and neural network architectures. Proficient in leveraging deep learning frameworks such as TensorFlow, Keras, and PyTorch to tackle complex problems in computer vision, natural language processing, and other domains. Experienced in fine-tuning pre-trained models and optimizing hyperparameters to achieve state-of-art performance on various tasks. Skilled in data pre-processing, augmentation, and augmentation to enhance model generalization and robustness. Strong programming skills in Python and proficiency in deploying models to production environments. Collaborative team player with excellent problem-solving abilities and a passion for staying at the forefront of deep learning research and technology advancements.

PERSONAL PROJECTS

Chicken Disease Classifier

- https://github.com/ronnyonjetechn/chicken_disease_classifier

Text Summarizer

- https://github.com/ronnyonjetechn/text_summarizer

Kenya Crop Yield Estimator

- https://github.com/ronnyonjetechn/kenya_crop_yield_estimator

WORK EXPERIENCE

APHRC- Kenya, Nairobi (Hybrid Internship)

Jul 2024-present

Django Back-End Developer (Machine Learning)

Responsible for Africa Journal Visibility Catalyze 2020 project for.

- Worked on African journal visibility Backend especially creation of database schemas and relationships between different classes in models.
- Worked on RESTful API creation for all African learning institutions.
- Engaged in different CATALYZE PROJECT INITIATIVES for Africa.

Infosight - Kenya, Nairobi (*Hybrid Internship*)

Jan 2022-Dec 2023

Machine Learning Engineer Intern

Responsible for various Infosight outsource projects.

- Led a team of five in the creation of a chatbot for UFAA organization.
- The chatbot generally improved user experience by answering various questions that the users might have. <https://ufaa.go.ke/>
- As a team of 5, we automated various tasks for the KRA management team in order to eliminate redundancy in their computer services.

EDUCATION

Strathmore University - Nairobi, Kenya

Bachelor of Science – Computer Science, July, 2022

PROFESSIONAL SKILLS

- Android App Development, Java
- Django, Python
- Docker, GitHub
- (Machine Learning and Deep Learning) Model creation and Deployment
- Spatial Data analysis
- Data Structures and Algorithm