RON NYONJE

COMPUTER SCIENTIST

EXPERIENCE

Created Diabetes Prediction Model

- Created diabetes prediction model using the PIMA India dataset
- Deployed the model into Heroku server using Django as a framework
- The git repo is private due to CI/CD purposes
- You can view the project on live server if you click the link :
  https://mwishowangu.herokuapp.com/

Created Automated Registration System

- It is a computer vision project
- Created an image identifier that is able to identify user and mark them present based on there web cam camera.
- The attendance will be marked on the database
- This project can be found in my git repository .

Created Covid-19-Tracker

- Developed a Covid-19-Tracker using Reactjs and disease.sh api
- The Tracker shows all regions with Corona and also the number of survivors and those dead
- Though the project is in Swahili you can view it
- It was deployed on Firebase server
- The link to the deployed app where Firebase is hosting it is below:
  https://wewe-covid.firebaseapp.com/

CONTACT

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EDUCATION

2013 - 2017
St Joseph's School Rapogi
8-4-4 Secondary Education

2018 - present
Strathmore University(Nairobi)
Undergraduate degree in Computer Science

SKILLSET

- Machine learning algorithms and their applications such as:
  1. Supervised learning algorithms such as logistic regression, KNN, ridge regression and linear regression
  2. Unsupervised learning algorithms such as K-Means, Apriori and Principal Component Analysis for feauture extraction and (wrapper/filter/embedded) as feature selection technique
  3. Reinforcement learning algorithms such as Q-learning and Policy Optimization)
- Using Data visualization tools such as Tableu.
- Well conversant with deep learning starting from Artificial Neural Network
- Well Conversant with Natural Language Processing using RNN etc.
- Well Conversant in Image processing using CNN and many more algorithms
- Data Preprocessing and data Manipulation using various Python libraries ie pandas