ABIODUN ALLISON

Machine Learning Enthusiast

CONTACT

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STATUS

Computer vision enthusiast, M.Sc. Mathematics, interested in theory and applications of Convolutional Neural Networks.

EXPERIENCE

Machine Learning Intern
Rural Farmers Hub, Aug 2020 - Oct 2020

❯ Made repository contributions during the data-gathering phase for an automatic farm boundary detection project. Drew polygons for visible farmlands in an area using Google Earth

❯ Downloaded and preprocessed satellite imageries using Python as a part of a computer vision team. Imageries were gathered and preprocessed to feed into a CNN model for digital soil mapping of some key soil nutrients using geospatial data

EDUCATION

M.Sc. Mathematics
University of Ibadan, 2018 - 2021

❯ Master Project: Machine Learning with Applications in Agriculture

❯ Studied architectures and optimization methods for ConvNets, implemented different ConvNets models to classify different plant diseases using healthy and diseased leaf images with FastAI

B.Sc. Mathematics
Federal University of Agriculture, Abeokuta 2011 - 2015

EXTRAS

Trainings/Workshops/Hackathons

❯ ZindiAfrica DSN AI Bootcamp Qualification Hackathon, rank 69 of 750

  • Leveraged machine learning classification models to predict customers who are likely to default on a loan or not

❯ ZindiAfrica Expresso Churn Prediction Challenge, rank 80 of 358

  • Developed a machine learning model to predict the likelihood of each customer becoming inactive

❯ Sage Days 102, Ibadan. July 15-19, 2019

❯ PWSAfrica Python Workshop, Ibadan. 30 July - 10 August, 2018

FIELDS

- </> Machine Learning
- </> Computer Vision
- Geospatial Analysis

SKILLS

- </> Python
- </> Pandas
- </> NumPy
- Data Visualization
- Data Cleaning
- Image Preprocessing
- SQL
- GitHub
- QGIS