ABIODUN ALLISON | Data Scientist

CONTACT

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STATUS

Self-taught Data Scientist with MS in Mathematics who loves deriving insights from datasets, applying Machine Learning models to solve problems, and using solutions derived to positively impact return on investment. An active community member who enjoys community learning and is passionate about educating and assisting prospective data enthusiasts in getting started with their data journey.

EXPERIENCE AND VOLUNTEERING

AI Invasion Facilitator   Data Science Nigeria, June 2021

- Volunteered as a tutor for the AI Invasion program, a 5-day program to introduce participants to core concepts of Machine Learning, and hands-on practice of solving Machine Learning problems using Python.
- Introduced participants to Machine Learning hackathons and we participated in a 4-day Kaggle hackathon.

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

- Made farmland boundary annotations using geospatial imagery on Google Earth during the data-gathering phase for an automatic farm boundary detection project.
- Completed satellite imageries preprocessing workflow in a computer vision team using Python. Imageries were gathered and preprocessed to feed into a convolutional neural network 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

</> Scikit-learn   </> Tensorflow

Data Visualization   Data Cleaning

Image Preprocessing   SQL

GitHub   QGIS

OPERATING SYSTEMS