ABIODUN ALLISON | Data Scientist

CONTACT

- Lagos, Nigeria
- +234 703 815 1040
- https://uthmanallison.github.io
- allisonabiodun@gmail.com
- https://github.com/alliwene
- https://www.linkedin.com/uthmanallison

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

Volunteer Tutor — Programming Workshop For Scientists In Africa, Aug 2021 - Sep 2021

- Volunteered as a group tutor for PWSAfrica, a 2-week workshop aiming to empower scientists in Africa with computer programming skills.
- Handled a break out group during coding sessions where I helped participants practise what was learnt, from introduction to Python to Machine Learning. My group worked on a Book Recommender project at the end of the workshop.

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

- Project: Machine Learning with Applications in Agriculture
- Studied different architectures and optimization methods for Convolutional Neural Networks (CNNs), implemented different CNN models using transfer learning to classify different plant diseases using healthy and diseased leaf images with FastAI

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

EXTRAS

Certifications

- AWS Cloud Practitioner Certification (in view).
- Data Science Nigeria 2020 Artificial Intelligence Bootcamp.

Trainings/Workshops

- Sage Days 102, Ibadan. July 15-19, 2019
- PWSAfrica Python Workshop, Ibadan. 30 July - 10 August, 2018

FIELDS

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

SKILLS

- </> Python
- </> Pandas
- </> NumPy
- </> Scikit-learn
- </> Tensorflow
- </> FastAI
- SQL
- Git
- Data Visualization
- Data Cleaning
- Model Deployment

OPERATING SYSTEMS