ABIODUN ALLISON

Data Scientist
Cloud Practitioner

SUMMARY

Self-taught Data Scientist with a Master's degree in Mathematics who enjoys generating insights from datasets, applying Machine Learning models to solve problems, and implementing the solutions derived to improve return on investment. An active community member who appreciates community learning and is passionate about educating and aiding new data enthusiasts in getting started on their data journey. Knowledge of core AWS services and use cases, billing and pricing mechanisms, security concepts, and how the cloud affects business.

EXPERIENCE AND VOLUNTEERING

AI+ Volunteer Tutor — Data Science Nigeria AI Club for School, Sep. 2021 - Present

❯ Introduced twelve Primary school students (Grades 4-6) to Artificial Intelligence. Taught the students programming using Scratch through hands-on learning and class challenges/assignments.
❯ Completed a project using Scratch with the students where we built a catch-an-apple game.

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

❯ 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, Jun. 2021

❯ Introduced 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 key soil nutrients using geospatial data.

EDUCATION

AWS re/Start — Amazon Web Services, Sep 2021 - Dec 2021

❯ Gained a thorough understanding of AWS core services, including computing, storage, networking, databases, and identity and access management (IAM).
❯ Developed Linux, Python, networking, security, and relational database skills through scenario-based exercises, hands-on laboratories, and coursework.

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

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

EXTRAS

Certifications

❯ AWS Cloud Practitioner Certification.
❯ Data Science Nigeria 2021 Artificial Intelligence Bootcamp.
❯ Data Science Nigeria 2020 Artificial Intelligence Bootcamp.

CONTACT

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FIELDS

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

SKILLS

</> Python   </> Bash Scripting
</> Pandas   </> NumPy   </> Scikit-learn
</> Tensorflow   </> FastAI   ⛁ SQL
⎇ Git   ▢ Data Visualization
▢ Data Cleaning   ▢ Model Deployment

OPERATING SYSTEMS