Oluwafemi Paul Adeyemi

ML Engineer/Web Developer

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PROFILE

A data enthusiast. Proficient in data cleaning, feature engineering, data visualization, statistical analysis, classification models, regression models and text-processing. Comfortable working with large datasets. Skilled at creating web apps and deploying Machine Learning (ML) models to web apps.

EDUCATION

University of Ilorin, Kwara - *M.Sc. Statistics*

OCTOBER 2019 - OCTOBER 2023

- Took courses such as Stochastic Processes, Statistical Quality Control, Categorical Data Analysis, Design and Analysis of Experiments e.t.c.

- Self-education in ML.

University of Ilorin, Kwara - *B.Sc. Statistics*

NOVEMBER 2013 – SEPTEMBER 2017

- Took courses such as Introduction to Computer Programming, C/C++, Object Oriented Programming, Digital Literacy, Linear Algebra, Calculus, Statistical Programming, Stochastic Processes, Experimental Design and Analysis, Analysis of Variance, Applied Multivariate Statistics, Time Series, Statistical Inference, Probability, Sample Surveys e.t.c.

- Graduated with a CGPA of 4.70/5.0 (First Class).

COMPUTER SKILLS

Python
Numpy, Keras, Pandas, Scikit-learn, Nltk, Spacy, Matplotlib, Seaborn, Django, Django Rest Framework.

R
Caret, Dyplr, Tidyr, Ggplot

JavaScript
ES6, AJAX, Node JS, Express JS, React JS

HTML

CSS

Database
PostgreSQL, MongoDB, ORM

Graphics
CorelDraw

Statistical Analysis
R, Python, SPSS, Stata

Microsoft Office
Excel, Access, Word, Powerpoint, Publisher

CERTIFICATION

- Kaggle Certification

PORTFOLIO

Oluwafemi Adeyemi's Portfolio

WORK CHRONOLOGY

Mollys School, Kwara - *Subject Teacher*

FEBRUARY - APRIL 2023

- Taught primary school students, in classes 4 and 5, subjects such as Mathematics, Information Technology and Basic Science and Technology.

Kinke Skylers Model School, Abuja - *Subject Teacher*

JANUARY - JULY 2019

- Taught primary school students, in class 4, subjects such as Mathematics, Computer Science and Basic Science and Technology.

Ekiti State University, Ekiti - *Data Entry Clerk*

JANUARY - OCTOBER 2018

- Entered students' information into school's database using a customized software called NYSC Mobilization Software which is used to categorize students according to their departments, gender and many more and to register and mobilize them for national service.

Larrygold Computers, Nasarawa - *Tutor, Typist and Graphics Designer*

JULY - SEPTEMBER 2013

- Made graphic designs such as identity cards and did typesetting.

- Taught computer literacy courses such as Ms Word, Excel and Corel Draw.

VOLUNTEER EXPERIENCE

Data Science Nigeria (DSN) , *Online Voluntary Tutor*

OCTOBER 18, 2022

- Taught Students how to build a regression model with R, using the Student Performance dataset from UCI Machine Learning Repository. See video online.

SOFT SKILLS

Analytical Skills

- Carried out statistical analysis and suggested methods for analysis in a number of research works.

- Analyzed data used for machine learning purposes, including: supervised learning, unsupervised learning and deep learning.

Communication/Interpersonal Skills

- Coordinated an academic team of tutors, oversaw and advised university freshmen and students in other levels.

- Led a team of university students on a field survey.

- Coordinated a team of executives of a student association.

- Team player in workplace and other organizations.

Problem Solving

- Helped a set of students overcome difficulties with understanding and utilizing some mathematical concepts.

- Settled conflicts in team.

- Redefined team members roles to make for an effective team.

- Suggested ways, which were eventually successfully adopted, by which my team could overcome some difficulties.

INTERESTS

Reading, Writing, Teaching, Public Speaking, Playing Piano, Singing

SOME PERSONAL PROJECTS

- Absenteeism: evaluated a set of machine learning classification models predicting whether an employee will be given to absenteeism.

- Nursery: evaluated a set of machine learning classification models for determining the admission status of students and built a web API that supplies the best of the models.

- Condition Based Maintenance of Naval Propulsion Plants: considered a set of predictive machine learning models for predicting the performance decay of any vessels and built a web API that supplies the best among the models.

- MlClinic: built a web app that allows for registration of doctors (authentication) who can in turn register as many patients as they want and the patients' record can then be used to predict (based on ML models) whether they have breast cancer or diabetes or both.

- Scores: developed a web app that predicts the performances of students in a mathematics test using a linear regression model.