**OLUMIDE AKINTOYE**

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**Data Scientist | AI Engineer**

**Career Summary:**

Dedicated, passionate, and competent AI Engineer with 3+ years of experience in building, testing, and deploying AI models. Possess hands-on experience of writing codes in various programming languages as well as offering a strong background in algorithm, data structure and mathematics. Familiar with SDLC, and capable of thinking out-of-the box with excellent analytical thinking and written/verbal communication skills.

**Summary of Skills:**

* Possess solid knowledge of AI and machine learning concepts, and capable of translating the requirements into programs using Python
* Converting machine learning models into APIs to enable access by other applications
* Deploy AI models to Production and building machine learning models on existing data
* Ability to analyze project requirements and iterate with them to deliver applications with good performance
* Solid experience in designing and developing ML pipelines while implementing solutions through advanced data-driven methods
* Good understanding of project development life-cycle and capable of coordinating with other software personnel for testing and debugging
* Possess strong mathematical, analytical, logic thinking, and problem-solving skills
* Capable of working in a team and have exceptional organizational as well as communication skills

**Work Experience:**

*Freelance Data Scientist* (2017 – Present)

* Designed and developed machine learning programs in recommendation systems, predictive modeling, data mining, analysis, visualization and clustering among various others
* Building and deploying models for different web service consumption options
* Created REST APIs that put machine learning models into operations accessible through different platforms ( Web & Mobile )
* Coordinated and developed an educational data mining system for a polytechnic department that provided insight on student performance and student performance

*Solutions Developer*  
Mo-Soft Limited, Ikoyi, Lagos (Jan 2019 - Feb 2020)

* Proactively scoping technical solutions required to address customer requirements, assessing customers’ met and unmet needs, and recommending solutions that optimize value for customers
* Working with existing code base to develop and enhance applications
* Collaborating with other software personnel to design and implement well-engineered, reliable, maintainable, and bug-free code for various applications
* Communicating with other team members to inform about technical and developmental risks/ obstacles observed during development process, and recommending possible solutions to complete the version upgrade within given time frame

*Web Developer, Intern*  
Inlaks Computers, VI, Lagos (June 2017 - Oct 2017)

* Collected, designed and translated user requirements into project designs and implementation plans
* Used programming capabilities in PHP, MySql, JavaScript and other libraries as needed

**Education:**

* Bachelor of Science in Computer Science  
  University of Lagos, Akoka, Nigeria (2013-2018)
  + 4.09 CGPA on a 5.0 Scale

**Tools/Languages:**

Python, SQL, Azure ML Studio, Flask, WEKA, PowerBI, Postman API, MLflow, Excel, Power Query, MySql, DAX, Scikit Learn, Matplotlib, Tensorflow, Pycharm, Docker, Jupyter, VS Code, PHP, HTML, CSS, JavaScript

**Publication & Appearances:**

* “Deploying a Machine Learning Model as a Flask app on Heroku-Part 1”, [Medium](https://medium.com/analytics-vidhya/deploying-a-machine-learning-model-as-a-flask-app-on-heroku-part-1-b5e194fed16d), Feb 2020
* “Deploying a Machine Learning Model as a Flask app on Heroku-Part 2”, [Analytics Vidhya](https://medium.com/analytics-vidhya/deploying-a-machine-learning-model-as-a-flask-app-on-heroku-part-2-9d8366eb784c), March 2020

**Teaching Appointments:**

* Voluntary tutor, undergraduate and graduate level students in python for data science and machine learning

**Selected Projects:**

-Project: OA HealthCare Analytics (<http://oa-healthcare.herokuapp.com/>)

Description: *A Healthcare service that uses state-of-the-art machine learning models converted into REST APIs. Aims at demonstrating the potential of AI algorithms*

*Environment: Python, Flask, HTML5, CSS, JavaScript*

-Project: OA Foods (<http://oafoods.herokuapp.com/>)

Description: *A Content-based Food Recommender system that refers to the attributes a food has using keywords to understand a user’s preferences and recommending other similar foods to them*

*Environment: Python, Flask, NLTK, HTML, CSS, JavaScript*

-Project: CGPA Predictor (<http://predict-cgpa.herokuapp.com/>)

Description: *A predictive approach of an Educational Data Mining system towards determining the final grade of a polytechnic department student*