# 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](), Feb 2020
- "Deploying a Machine Learning Model as a Flask app on Heroku-Part 2", [Analytics Vidhya](), 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*