

# OLUMIDE AKINTOYE

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<https://github.com/oluakintoye>

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## Machine Learning Engineer | Data Scientist

### Career Summary:

Dedicated, passionate, and competent Machine Learning Engineer with 3+ years of experience in building, testing, and deploying AI/ML 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. Possessing strong SDLC knowledge, 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 requirements into programs
- 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 | ML Engineer (2017 – Present)*

- Designed and developed machine learning applications 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 grade prediction

#### *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 and performing data engineering tasks
- 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

- Meetings and Communicating with team members and decision makers 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, C#, Dart, Scikit-Learn, Matplotlib, Tensorflow, PyTorch, Pycharm, Docker, AWS, Jupyter, Google Cloud platform, Linux, Windows, Git, 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.*