Enoma Uwaifo

ML/Data Engineer

A fast learner of new technologies and how to implement them with a burning aspiration to be a top level developer through training and practicing

Email: enomauwaifo@gmail.com

Phone: +234 806 271 5757
WhatsApp: +234 8138530013

GitHub: https://www.github.com/enels
Linkedin: https://www.linkedin.com/in/enoma-uwaifo

WORK EXPERIENCE

Python Developer (Personal/Clients Projects): O.S Platform – Linux   2012 – Present
Developed
- Machine Learning Models as a freelancer

    - Intrusion Detection System Using Neural Networks (Back Propagation) technique

    - Breast Cancer Classification using supervised learning with a detailed report. Algorithm used was support vector machine (SVM)

    - Breast Cancer Classification using unsupervised learning with a detailed report. Algorithm used was the k-means clustering

    - Prediction of the sales of a specific drugs for a pharmacy using linear regression
- A python automation script for client for scraping linkedin connection emails using tools such as Selenium WebDriver and Beautiful soup
- A news website using Django. Deployed on Heroku and AWS Cloud
- The backend of a web based logistic application using MySQL and PHP (2018)
  Implemented:
      A well designed database that incorporated all the features of the web app.
      Backend Script using PHP to enable sign up of drivers, loaders and admins

- A Blog using Django REST Framework
  Implemented:

    - A full-text search engine using PostgreSQL

    - A full fledged user authentication and authorization system using Django and JWT
- A mini social network website (Using PHP and MySQL only)

  Implemented:

    - An authentication system using Django's authentication framework

    - Changed the authentication system to use social sites like Facebook, Twitter, and Google.

    - A simple user follow system
    - An image ranking system
    - An e-commerce application

Implemented:

- A shopping cart using Django session

- Integrated stripe payment system and discounted payment with the help of a webhook

- A product recommendation system using reddis

- A couple system to apply discounts to orders

- Used django-localflavour to localize forms

Personal projects
JavaScript
- Mapty Aplication**:** Geolocation Based Application that helps determine the final destination from your current position based on your means of movement

- A Minimal Banking Frontend Application

O.S Platform: Windows
- Developed a Relational Database system of a logistic company web application using MySQL and was involved in developing the server-side code using PHP.

National Institute for Information and Technology   **2010-2011**
- Python Backend Development Tutor using Django
- Python Data Analyst Tutor
- Tutor in:

  - Database using MySQL, MSSQL, and MongoDB

  - Linear Algebra for Machine Learning

  - Matrices

  - Calculus for Machine Learning

  - Probability and Statistics for Machine Learning

  - Data Structures and Algorithms in Python

  - Machine Learning and Deep Learning

National Petroleum Development Company   **2011-2012**
Developed the backend structure of the company's business intelligence software using Python and Django
Enhanced the speed of the application using C

CERTIFICATION
- Python Essentials Cisco Networking Academy
- Data Engineering, Big Data, and Machine Learning on GCP by Google Cloud on Coursera.

Skills Gained
- **Building Batch Data Pipelines on Google Cloud**
- **Google Cloud Big Data and Machine Learning Fundamentals**
- **Building Resilient Streaming Analytics on Google Cloud**
- **Modernizing Data Lakes and Data Warehouses with Google Cloud**
- **Smart Analytics, Machine Learning, and AI on Google Cloud**
- **Using Looker as an ETL Tool**

● MongoDB University Certifications
   Database Administrator
● HackerRank Certification
   Python (Basic)
   SQL (Basic and Intermediate)
   Problem Solving(Intermediate)
● Deep Learning Using Python(Udacity)
● Agile Software Development (Scrum) on JP Morgan Chase and Co.
● Data Structures and Algorithms in JavaScript (FreeCodeCamp)
● Scientific Computing with Python (FreeCodeCamp)
● Complete Java Master Class Course (Udemy)
● Certificate of completion Open Source Masterclass

PROFICIENCIES
● C(7 Years Experience)
● Python (4 years experience)
● Apache Spark (Using Python - Pyspark)
   Using SparkSQL and DataFrames
   Optimizing and Tunning Spark Application
   Structured Streaking
   Building Reliable Datalakes with Apache
   Machine Learning with MLlib
   Managing Deploying and Scaling Machine Learning Pipelines with Apache Spark
● HTML/CSS
● Looker as an ETL Tool
● JavaScript (Not so proficient)
● Linux (Ubuntu)(5 years experience)
● Machine Learning Algorithms (1 year experience)
● Deep Learning Algorithms
● SQL(4 years experience)
● Database Design (3 years)
● PostgreSQL
● MySQL
● Data Structures and Algorithms(3 years experience)
● AWS S3, CLI (Not so proficient)
● Git and GitHub
● Docker for containerization
● Kubernates as a container management tool
● Terraform

EDUCATIONAL BACKGROUND

Electrical Electronics Engineering   University of Benin, Nigeria   2006 - 2011