

STEPHEN ONI

Email: stephenoni2@gmail.com contact: +2349034972321 Address: Ikorodu, Lagos state, Nigeria

github: <https://github.com/steveoni> linkedin: <https://www.linkedin.com/in/stephen-oni-189488123/>

medium: <https://medium.com/@steveoni>

Diligent Software/Machine learning Engineer, with 3+ years experience in building Data-driven / Intelligent tools and Products. Currently found myself at the frontier of enabling Data Science and Machine Learning in the browser.

EDUCATION

African Institute of Mathematical Science, Senegal – Masters

January 2021 - Present

Currently Undergoing Masters in Machine Intelligence sponsored by Google and Facebook and taught by researchers mostly from Facebook

Federal University of Technology Akure, Nigeria – B.TECH

January 2015 - December 2019

Studied Physics (Electronics), CGPA 4.18 / 5.0

PROJECT (OPEN SOURCE)

- [Danfojs](#): A co-creator and core-maintainer of Danfojs; a Pandas-like library in javascript for data manipulation and processing.
- [Dnotebook](#): A Jupyter notebook like in javascript for data science; I'm a co-creator and contributor
- [DataCook](#): A javascript library to handle all type of data (image, text, e.t.c) for machine learning project in javascript (using tensorflow.js)
- [Libsvm-wasm](#): Port libsvm from c /c++ to typescript for easy integration in browser
- [Data-Art](#): A prototype platform enabling data scientist to handle data like an artist in the browser

EMPLOYMENT

Datopian, United State – Javascript Software Engineer (Remote)

November 2020 - Present

Building modern data management/Driven tools and products for public and Private Enterprises using reactjs, nextjs, apollo client, postgres, hasura e.t.c

Data-Science Nigeria, Nigeria – Machine Learning Engineer

Feb 2020 - October 2020

- Led a team of 3 to carry out practical research on how to apply NLP to increase Bank customer service. The project was later presented in Neurips 2020 under Black in AI and also converted to a prototype product using Twitter API /bot , PyTorch, and deployed on AWS
- In charge of the development of a more robust document retrieval to score documents based on input queries, currently used by Human Resource companies.
- Participate in the goal of raising 1 million AI talent in Nigeria in the next 10 year by teaching different classes in machine learning
- Research and Build a brand Sentiment Analysis for bank tackling code-switching (mixing of pidgin with English) in customers text
- Spearheaded the development of a Machine translation system from English to Yoruba as a prototype for companies targeting local communities in Nigeria

Demz Analytics, London – Machine Learning Engineer (Remote)

October 2019 - February 2020

- It is contract base
- Worked with a diverse team of 5 to build security software using computer vision; YOLO V3 is used as the detection model.
- Created data pipeline that automatically fetches images, text, and video from Twitter using Twitter bot in python and saved them directly to google storage bucket for use by the model
- Worked with a python developer team of 10 to create a smart editor for financial documents, hence makes financial documents editable.

iQube Lab, Nigeria –Data Scientist (Remote)

Apr 2019 - October 2019

- Build a full-stack data-driven system called Twitter web analytics. Analyze user's Twitter account with full data analysis supplemented with visualization in real-time. Also support tweet sentiment analysis, source of media of all replies, friendship network e.t.c built with python, flask, pandas, javascript, jquery, Dimple.js, textblob, and tweepy.

Longbridge Technologies, Nigeria –Java Developer (Internship)

Apr 2019 - October 2019

- Built a school Management enterprise product using spring framework
- Create platform model, database, rest API structure using hibernate and Spring
- Redesign Mantis (a product management software) using PHP, to suit the company taste

AWARD

- [Traffic Jam: Predicting People's Movement into Nairobi](#) (3rd Position); Built a simple regression model to predict the number of seats that Mobiiticket can expect to sell for each ride across the 14 route
- [Sustainable Development Goal \(SDGs\): Text Classification Challenge](#) (3rd Position): Built a model for classifying text.
- [ICLR Workshop Challenge #1: CGIAR Computer Vision for Crop Disease](#) (18th out of 338): Build a model to classify crop diseases using fastAi and PyTorch.
- [Data Science Nigeria Challenge # 2: Recommendation Engine for Comedy TV in Nigeria](#) (2nd Position)