Meshach Odejide

Data Scientist, Machine Learning Engineer, and Software Developer(Backend)

meshacholuwadamilare@gmail.com

+2348165854047

Work Experience

Community Research and Project Lead

Data Science Nigeria (FUTA Community)

August 2020 to Present

DSN FUTA AI+ Club is a knowledge community of students in higher institutions (universities, polytechnics, and colleges of education) who are passionate about learning and application of Machine Learning in a multidisciplinary context.
Teach introductory and advanced Machine Learning techniques with several tools for interested students. Organize hackathons and workshops to engage community members.

Research Assistant

DIABETIC RETINOPATHY SYMPTOMS AND STAGE PREDICTION

November 2020 to December 2020

Worked with a PhD student on her research, where we used deep learning to predict the progression of diabetic retinopathy in a diabetic patient's eye. We predicted the class along with the features from the available retina images using the pre-trained convolutional neural network (CNN) architectures. These outputs were further used to train a recurrent neural network (RNN) model to predict the stage (in years) a given diabetic patient is likely to suffer blindness.

Text Summarization App

Simple Project

November 2020 to November 2020

This is a small natural language processing web-app that offers the following functionality; sentiment analysis and text summarization.

Link to the project
https://github.com/Christomesh/NLPify-app

Education

Bachelor's Degree in Mechanical Engineering

Federal University of Technology Akure

January 2018 to Present

Skills

• Machine Learning - sklearn, scipy, numpy

• Data Science/Data Analytics - Pandas, PowerBI, Excel, Sklearn, Numpy, Matplotlob, Plotly, Bokeh • Deep Learning - Pytorch, Fastai, Keras

• Software Engineering (Backend) - Python, FastAPI, PostgreSQL

• Natural Language Processing - NLTK, Spacy, Transformers(Hugging Face))

• Computer Vision - Pytorch, Detectron, OpenCV

• Data Wrangling - Pandas, SQL, Numpy, Scipy

• Machine Learning Deployment - Docker, FastAPI, MLflow, CI/CD(Github actions), Pytest, Streamlit, AWS Sagemaker

Links

https://christomesh.hashnode.dev/

https://github.com/Christomesh

https://www.linkedin.com/in/meshach-oluwadamilare-4a9167185/

https://zindi.africa/users/ChristoMesh

Awards

Among the top 10 finalists of Expresso Churn Prediction Challenge by Data Science NIgeria
August 2020

Expresso is an African telecommunications company that provides customers with airtime and mobile data bundles. The objective of this challenge is to develop a machine learning model to predict the likelihood of each Expresso customer "churning," i.e. becoming inactive and not making any transactions for 90 days.

Competition link
https://zindi.africa/hackathons/dsn-pre-bootcamp-hackathon-expresso-churn-prediction-challenge

3rd position of the Travel Insurance Claim Prediction Challenge by DPhi December 2020

This hackathon was organized for the participants in Dphi 2020 Bootcamp to apply what they have learned. Fortunately, I made it to the top three. The objective of this challenge is to build a machine learning model for the insurance company to predict if the insurance buyer will claim their travel insurance or not.

Competition link
https://dphi.tech/practice/challenge/49#problem

Certifications and Licenses

Applied Machine Learning in Python at Coursera
March 2020 to Present

This course aimed at introducing the learner to applied machine learning, focusing more on the techniques and methods than the statistics behind these methods.

Link to certificate
https://coursera.org/share/490e647be7cee82c81f8355d324be15b

Dive into Deep Learning
December 2020 to Present

This is a free online study program, where we studied the "Dive into Deep Learning" book by Aston Zhang, Zack C. Lipton, Mu Li, and Alex J. Smola.

Link to certificate
https://drive.google.com/file/d/1FAZKcu4OK3lRRTaUuPyxRjBBeFwemd6v/view?usp=sharing

Groups

Data Science Nigeria
May 2020 to Present

Data Science Nigeria is a non-profit run and managed by the Data Scientists Network Foundation, with the vision to raise one million AI talents in Africa.

Bitgrit
March 2019 to Present

Bitgrit Student Network aims to congregate AI enthusiasts and practitioners for the purpose of sharing knowledge and raising AI talents that will build innovative solutions.

Additional Information

A Machine Learning Engineer with keen interest in research and developing innovative Artificial Intelligence products using state of the art tools. I am passionate about building a strong Machine Learning ecosystem with best practices at its core.