Chidimma Nweke

Software Engineer

👤 Profile

Recent chemical engineering graduate with hands on experience in **Backend Development with node.js and MongoDB**, **Artificial Intelligence**, building M**achine Learning Models** for classification and prediction, analysing data and presenting findings to senior officials with confidence. Possess sound communication, analytical, leadership, and problem-solving abilities, quick understanding and use of new technologies and tools.

🎓 Education

Bachelor of Engineering, Federal University of Technology, Owerri, Owerri
January 2016 — November 2021

Machine Learning Engineer Nanodegree, Udacity
September 2020 — November 2020

AI Product Manager Nanodegree, Udacity
March 2021 — November 2021

💼 Internships

Data Analysis and Visualization at Taken Mind
November 2019 — February 2020

Laboratory Assistant at Copaci Cosmetics
September 2019 — December 2019

Backend Developer at Genesys Tech Hub
August 2021 — Present

📊 Projects

Dog Breed Classifier Using CNNs
October 2020 — November 2020

- Built a CNN model using pytorch from scratch, which achieved a 45% accuracy on the test set after 200 training epochs.
- Utilized transfer learning to increase accuracy to 86% on the test set after 30 training epochs.
- Wrote an algorithm that overlays dog filters on images.
- Added a functionality to classify dog mutts with an accuracy of 60%
- Deployed the models in a pipeline to a web app using flask

Plagiarism Detector
September 2020 — September 2020

- Built a machine learning model that examines a text file and perform binary classification, labelling that file as either plagiarized or not, depending on how similar the text file is to a provided source text.
- Deployed the plagiarism model using AWS SageMaker.

✈ Extra-curricular activities

Music Director at St. Thomas Acquinas Chaplaincy Choir, Owerri

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Details

Lagos, Nigeria, +2349035485284

realchidinweke@gmail.com

Date of birth

02-06-1997

Nationality

Nigerian

Links

github

LinkedIn

Skills

Communication Skills

Microsoft Office

Java

JavaScript

Node.js

MongoDB

Git

Python

Languages

English

French

Hobbies

Music directing, Singing, Puzzles, DIY

- Led and supervised a fourty-man committee to organize the best and biggest yet (according to reviews) student musical concert in South-East Nigeria in just two months, with refreshments for over 1000 audience and a revenue of up to two million NGN for the choir.

Student Leader at Udacity Bertelsmann Scholarship Challenge
December 2020 — February 2021

- Helped students to pass the first phase of scholarship by engaging them in daily motivational quotes and answering their technical questions.

✪ Courses

Python for Data Science, Udemy
July 2019

Data Analysis and Visualization, Udemy
November 2019 — February 2020