

Mukhtar O. Raji

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WORK EXPERIENCE

Monmouth Cards Automatic Sports Card Reader Remote

Computer Vision Software Engineer (Freelance) November 2022 – August 2023

- Led a team of 4 to design, and build a website and desktop app to automate uploading of trading cards to several marketplaces including eBay and Shopify
 - Built a desktop app that scans card images, finds required tags from the found texts, scans Beckett to get the price of the card using the found tags and saves the card tags and prices into a database with the help of an API
 - Utilized several python libraries such as OpenCV, PIL, pytesseract, PaddleOCR, requests, urllib, BeautifulSoup, regex, os, sys, shutil, playsound, pyinputplus and tools such as jTessBoxEditor and Serak tesseract trainer
 - Performed series of optimizing techniques to conclude the project at 95% accuracy
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Logic Programming Remote

Python Programmer (Freelance) July 2022 – August 2022

- Generated reports showcasing the difference in the response of action models of several credulous agents
 - Built a python script that modelled each action model
 - Built a conversational bot that can take the role of a receiver or announcer to model any action model with an accuracy of 96%
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Hamoye AI Labs Full-Time Remote

Data Scientist July 2021 – November 2021

- Built and presented solutions using machine learning models to produce faster insights into data that other companies can use to make more informed decisions
 - Collaborated with a team of 23 members to analyze and build machine learning models specific to Covid-19 patients and Airplane accidents
 - Built several machine learning models for prediction with accuracy scores of more than 80%
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EasyPeasyStore Amazon Auto-Campaigns App Remote

Desktop App Developer (Freelance) March 2021 - May 2021

- Built a desktop app that automatically downloads Amazon campaigns data and provides insights into the data through auto-visualization with amazing graphs
- Utilized python libraries such as Tkinter, requests, urllib and more to interact with Amazon's Advertising API to pull the data and used matplotlib and seaborn library for producing the visualizations

- Optimized the manual data download time and graphs generation by over 95%

Emshol Auto-Attendance App

Remote

Desktop App Developer (Freelance)

October 2020 - January 2021

- Built a desktop app that automates the attendance of passengers of the client's bus shuttles
- Utilized python libraries such as Tkinter, os, openpyxl (Excel), psycopg2 (PostgreSQL) and more to automate the attendance from several text files into an excel sheet
- Optimized the manual attendance upload by over 98%

LEADERSHIP AND VOLUNTEERING EXPERIENCE

Professionals In Data

Remote

Team Lead (Volunteer)

July 2022 – Present

- Train aspiring data scientists and data analysts by providing mentorship and also leading group projects
- Past projects include 'Sentiment Analysis of Elon Musk's tweets: The effect on Tesla's stocks', 'Prediction of credit card defaulters using machine learning', and 'Human vs Machine-based Analysis: What affects the gross profit of IMDB's top rated 1000 movies?'

EDUCATION

University Of Ilorin

Kwara, Nigeria

Electrical/Electronics Engineering

October 2016 - December 2022

SKILLS & LANGUAGES

Technical Skills: SQL, Python, NumPy, SciPy, Pandas, Scikit-learn, Machine Learning, Matplotlib, Seaborn, Panel, hvplot, holoviews, Data Visualization & Storytelling, Excel, Tableau, Data Manipulation and Analysis, OpenCV, TensorFlow, Keras, Pytesseract, Computer Vision, Google DialogFlow, Natural Language Toolkit (NLTK), Gensim, Deap, Pattern, Textblob, Natural Language Processing (NLP), Artificial Intelligence, Tkinter, Pygame, Desktop App Development, Git, Github, API Integration

Soft Skills: Problem Solving, Effective Communication, Teamwork, Time Management, Leadership

Languages: English, French, Arabic, Yoruba