

Mukhtar O. Raji

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WORK EXPERIENCE

SpeedyCardLister.AI

Remote

Computer Vision Software Engineer

January 2024 – Present

- Leading a team of 4 in the design and development of a website to automate the uploading of trading cards to eBay
 - Optimizing a Django API for scanning card images, extracting required tags, and uploading cards and tags to the website
 - Utilizing several python libraries and frameworks including Django, OpenCV, requests, urllib, regex, and OCR tools
 - Employing optimization techniques to enhance results exceeding 90% accuracy
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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
 - Implemented optimization techniques, resulting in efficiency improvements exceeding 95%
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Image Recognition App Design & Implementation

Remote

Computer Vision Software Engineer (Freelance)

November 2022 – December 2022

- Developed a detailed design process for an image recognition app, including algorithm flowcharts and expected design views.
 - Built the app's GUI using OpenCV, implemented object detection using a pretrained YOLO model, and implemented color detection of detected objects using machine learning models.
 - Utilized several python libraries such as NumPy, Pandas, OpenCV, os and sklearn
 - Conducted tests to ensure app accuracy, achieving a final result of 90% accuracy.
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Credit Card Defaulters Classification and Prediction

Remote

Data Scientist (Freelance)

April 2022 – May 2022

- Developed a system for formulating strategies and making better informed decisions on credit cards applications through machine learning recommendations
 - Conducted deep data analysis on defaulters' data, utilizing standard data quality control and analytical techniques.
 - Built machine learning models for predicting defaulters with an accuracy score exceeding 80%
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Topic Modelling For Social Computing Task

Remote

Data Scientist (Freelance)

March 2022 – March 2022

- Built algorithms for auto-processing social media tweets into groups
 - Utilized python's natural language processing (NLP) libraries alongside topic modelling techniques such as LDA and LSA
 - Produced highly accurate results with over 91% accuracy in successfully grouping tweets
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Sentiment Analysis Project	Remote
Data Scientist (Freelance)	October 2021 – November 2021
<ul style="list-style-type: none"> Built a system for auto-classifying the sentiments of general texts into positive, negative and neutral sentiments Utilized python’s natural language processing (NLP) libraries in conjunction with recommended bag-of-words technique Achieved highly accurate results with over 90% accuracy in successful sentiment classification. 	

Hamoye AI Labs	Full-Time Remote
Data Scientist	July 2021 – November 2021
<ul style="list-style-type: none"> Collaborated with a team of 23 members to analyze and build machine learning models specific to Covid-19 patients and Airplane accidents Built and presented solutions using machine learning models to produce faster insights into data Achieved accuracy scores of more than 80% in several prediction models 	

LEADERSHIP AND VOLUNTEERING EXPERIENCE

Professionals In Data	Remote
Team Lead (Volunteer)	July 2022 – Present
<ul style="list-style-type: none"> Mentor aspiring data scientists and data analysts, providing guidance and leadership for 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

Turing College	Vilnius, Lithuania
Data Analytics (Postgraduate)	May 2024 – November 2024
University Of Ilorin	Kwara, Nigeria
Electrical/Electronics Engineering (Undergraduate)	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, Git, Github, Django, API Integration, Django Rest Framework (DRF)	
Soft Skills: Problem Solving, Effective Communication, Teamwork, Time Management, Leadership	
Languages: English, French, Arabic, Yoruba	