

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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Computer Vision Image Manipulation Task

Remote

Data Scientist (Freelance)

December 2021 – December 2021

- Built a system for custom thresholding of images using exclusive image manipulation techniques.
 - Utilized python image libraries such as OpenCV, matplotlib, skimage, SciPy and more, in performing the custom image manipulation
 - Generated output images with custom thresholding similar to OpenCV's standard feature, achieving nearly 95% accuracy.
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Hamoye AI Labs

Full-Time Remote

Data Scientist

July 2021 – November 2021

- 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, OpenCV, TensorFlow , Keras, Pytesseract, Computer Vision, 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