

Mukhtar Raji

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WORK EXPERIENCE

Breast Cancer Classification Using Deep Learning Remote

Data Scientist (Freelance Contract) March 2022 – April 2022

- Built a system for the classification of breast cancer images into cancerous cells and non-cancerous cells
 - Utilized machine learning models in conjunction with transfer learning models specifically the VGG19, EfficientNetV2L and InceptionResNetV2 models
 - Optimized the best performing model to predict with a high metric score of 94%
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Computer Vision Image Manipulation Task Remote

Data Scientist (Freelance Contract) December 2021 – December 2021

- Built a system to produce custom thresholding of images using an exclusive mode of image manipulation techniques
 - Utilized python image libraries such as OpenCV, matplotlib, skimage, SciPy and more, in performing the custom image manipulation
 - Generated output images using the custom thresholding feature which were very similar to OpenCV's standard thresholding feature with an accuracy of nearly 95%
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Rocks Classification Project Remote

Data Scientist (Freelance Contract) November 2021 – December 2021

- Built a multi-class prediction system for classifying rocks into the appropriate type
 - Built machine learning models such as GaussianNaiveBayes and DecisionTreeClassifier for the prediction of the rocks data into the right categories
 - Optimized the best performing model to predict with a high metric score of 91%
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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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LEADERSHIP AND VOLUNTEERING EXPERIENCE

Professionals In Data	Remote
Team Lead (Volunteer)	July 2022 – Present
<ul style="list-style-type: none">• 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’, 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 - February 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, Artificial Intelligence, Git, Github, API Integration

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

Languages: English, French, Arabic, Yoruba
