

Olympiah Otieno

Full-Time Student

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I am a full-time student at the University of JKUAT who is very much an enthusiast of Data Science as a field. I am familiar with data visualizations using Power BI as well as querying data using SQL. Furthermore, I have experience doing frontend development using React and React Native and I am familiar with the Google cloud console. Additionally, my abilities extend to collaboration and teamwork with proficiency in problem-solving. I believe that data is going to change the world of technology in the future and most if not all industries will be in need of data scientists. I hope to use the technical skills that I have gained in to work on projects in teams or as an individual not only to gain knowledge but also create a stepping stone for me in this field.

Personal Details

- LinkedIn: <https://www.linkedin.com/in/olympiahotieno61b5a7204>
- Github: <https://github.com/Olympiah>
- Plurasight: <https://app.pluralsight.com/profile/olympiah-otieno>

Skills

Problem Solving	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div>
Front-end developer	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Very Good</div>
Data Visualization	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Very Good</div>
Cloud Computing- Google cloud	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div>
Microsoft BI	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Very Good</div>
Git	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Very Good</div>

Work Experience

Internal Attachment at JKUAT - January to March 2022

My main focus during this attachment was on Networking, this entailed Routing and Cabling.

Projects

EPL Data Visualization (English Premier League)

Project

This is a simple project I did to enhance my data analysis skills with Microsoft Power BI. I used the EPL 2021/22 dataset. I have broken down team statistics and created interactive dashboards for visualization.

This is the Power BI web link:

https://app.powerbi.com/links/whC3KMFRcg?ctid=ef8cc863-2140-41be-b7c5-436495915dbe&pbi_source=linkShare&bookmarkGuid=b6dd514b-cf2e-4cc4-b0e5-7cbd99a1210b

This is the pdf link(not interactive)

<https://acrobat.adobe.com/link/review?uri=urn:aaid:scds:US:7f2a5d66-9e8e-4e11-9ebc-3ccb9c86df3b>

Image Classification Flower Dataset

Project

This was my 2nd Image Classification project in the AI nanodegree. I built a deep learning model that could predict the type of flower species. I incorporated Transfer Learning to increase the accuracy of the model, more precisely vgg16_bn.

Below is a link to the notebook:

<https://colab.research.google.com/drive/1MqCtDAdYtZ0uNrKX7G2U1y1Lon2xyHip?usp=sharing>

LOAN PREDICTION

Project

This is a machine learning project for loan prediction based on the customer behaviour. I trained the data on various models but chose the best performing one. It uses machine learning algorithms to predict whether a person is worthy of receiving a loan.

notebook link: https://colab.research.google.com/drive/1xduAS-HmOlboKm5_mRZdKvOqN0WJzdNp?usp=sharing

RemedMobile App

Project

remeD is a mobile app whose main objective is to reduce the in person consultations of patients with chronic diseases and their doctors. We used React Native and expo to build the application. I was responsible for building the landing page, the login/sign page, adding animation features, paypal react native for ios device and publishing to the expo app store.

https://github.com/Olympiah/remed_mobile.git

expo app link: <https://expo.dev/@og-project/remedMobile>

Programming Languages

React JS	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Very Good</div>
React Native	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div>
SQL	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div>
Python	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div>
SQL	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Good</div>

Languages

English	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Excellent</div>
French - A2	<div><div></div><div></div><div></div><div></div><div></div></div> <div>Average</div>

Courses

IBM SkillsBuild Artificial Intelligence - present

Certifications

2022-11	AI Programming with Python , issued by Udacity https://confirm.udacity.com/F9DAPGE7
2022-05	Python Programming Foundations, issued by Udacity
2022-04	IBM Databases and SQL for Data science ,issued by Coursera https://www.credly.com/badges/236be903-f0c3-43f5-a1c7-f05594723ae6/public_url

Qualities

Curious, Team- Oriented personality, Passionate.