

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>
- Pluralsight: <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

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 it 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>

Education

2019-09 - 2023-12


Bachelor of Science: Computer Science

Jomo Kenyatta University of Agriculture And Technology - Nairobi, Kenya

Programming Languages

React JS		Very Good
React Native		Good
SQL		Good
Python		Good
HTML/CSS		Good

Languages

English		Excellent
French - A2		Average

Courses

Pre-qualified for the Google Africa Cloud Associate scholarship - present

Referees

Rachel Kerubo,
Post-Doctoral Fellow, Oncology, AstraZeneca, Mentor
mayakarachel@gmail.com

Dr.Jane Mugi, coordinator for IBM training program
jmugi@jkuat.ac.ke

Nereah Kisera, Pharmacist, Mentor
nereahkisera@gmail.com

Certifications

2022-11	AI Programming with Python , issued by Udacity https://confirm.udacity.com/F9DAPGE7
2022-05	Python Programming Foundations, issued by Udacity

Qualities

Curious, Team- Oriented personality, Passionate.