NAFTAL RAINER OCHIENG

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I am a passionate data scientist and technology enthusiast with a strong background in computing and mathematics which enables me to seek solutions to daily human-centered problems using design analytical thinking. I've participated in various tech community building activities and held high leadership positions as a result of my passion for technology and development. I currently serve as the Campus Ambassador for Zindi Community and a mentor for the Young Scientists Kenya (YSK) society.

EXPERIENCE

09/2022 – Current

University Ambassador, **Zindi Africa**

- Organize tech events and hackathons.
- Identify and bridge existing tech skills gap within the university.
- Create models that can classify events Criticality
- Assist with coordination and logistics of Zindi events in my region
- Develop a user-friendly dashboard that can showcase the solution.

09/2022 – 11/2022

Data Scientist, **Omdena**

I worked as a Data Scientist at the Omdena Sydney Chapter, where I build models to detect and classify disasters using social media data.

- Perform data cleaning and preprocessing.
- Conduct data Clustering and Summary
- Create models that can classify events Criticality
- Generate Real time Reports.
- Develop a user-friendly dashboard that can showcase the solution.

06/2022 - 08/2022

Data Analyst, *KenyaHMIS Project*

Headed a 3 personnel analytics team in a bootcamp to identify probable solutions in the use of eHealth to enhance decision making for public health good in Kenya.

- Conducted surveys and collected relevant data for the hackathon.
- Identified factors that lead to the interruptions in treatment (IIT) of PLWHA.
- Devised a return to care intervention for IIT patients.

01/2022 - 11/2022

Junior Data Consultant, Wincer Cake House

- Analyzed market data, trends and client behavior.
- Monitored social media metrics.
- Developed and managed product database.
- Performed market research and recorded client feedback.
- Conducted competitor analysis and product matching against competitor offerings.

10/2021 - 08/2022	**University Ambassador, IBM**
	• Provided sensitization through giving tech talks both virtually and physically.
	• Generated weekly reports on site engagement.
	• Carried out IBM Academic Initiative registration.
	• Provided technical support to JKUAT students using the IBM Academic Initiative.
	• Collect IBM Academic Initiative user data.
10/2021 - 12/2021	**Attaché, Jomo Kenyatta University of Agriculture and Technology**
	• Performed various analyses on data received from the field.
	• Conducted computer and equipment maintenance.
	• Performed regular Software updates on computers.
	• Managed the device – internet connections.

TECHNICAL STACK & SKILLS

Data Analysis | Data Science | Machine Learning

Python, web scrapping, API data gathering, Data Visualization, Supervised learning algos, unsupervised learning algos, Clustering algos, EDA, Feature engineering, feature selection, Principal Component Analysis (PCA), PowerBI, Google Analytics, Airtable CRM, IBM Watson Studio, e.t.c

Web Development

HTML, CSS, Flask, Javascript (Vanilla), Bootstrap, JQuery

MLops Tools

DVC, MLflow, Git

Databases

MySQL, Mongodb, Google Firebase

Cloud Deployment and Containers

IBM Cloud, Microsoft Azure, Heroku, Git

CERTIFICATIONS

07/2022 - 10/2022	**Data Analytics Course** *UDACITY*
10/2021 - 12/2021	**IBM Data Science Practitioner Course** *IBM Skills Academy*
02/2021 - 03/2021	**CISCO CCNA 1** *CISCO Networking Academy*

EDUCATION

08/2018 - 08/2022	**Bachelor of Science**, **Mathematics and Computer Science** *JKUAT*, Nairobi, Kenya
02/2014 - 11/2017	**K.C.S.E** *Kisumu Boys*, Kisumu, Kenya