




# 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 – 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.

03/2022 - 05/2022

### **Product Analyst Intern, ANGAZA ELIMU**

- Monitored the eLearning platform performance.
- Registered clients to Angaza Elimu platform.
- Performed market research and recorded client feedback.
- Analyzed market data, trends and client behavior.

10/2021 - 12/2021

### **Attaché, Jomo Kenyatta University of Agriculture and Technology**

- Performed various analyses on data received from the field.
- Carried out IBM Academic Initiative registration.
- Provided technical support to JKUAT students using the IBM Academic Initiative.
- Collect IBM Academic Initiative user data.
- Provided sensitization through giving tech talks both virtually and physically.

## TECHNICAL STACK & SKILLS

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### ***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

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

## EDUCATION

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08/2018 - 08/2022	<b>Bachelor of Science, Mathematics and Computer Science</b> <b>JKUAT</b> , Nairobi, Kenya <ul style="list-style-type: none"><li>• Member of JKUAT Student Association.</li></ul>
02/2014 - 11/2017	<b>K.C.S.E</b> <b>Kisumu Boys</b> , Kisumu, Kenya

## REFEREES

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### **1.) MRS JANE MUGI**

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### **2.) MISS VIDA BRENDA**

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