

# Washington Odhiambo Amolo

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## Professional Profile

Dynamic and driven Data Scientist with a passion for technology and a proven track record in programming, data analysis, and machine learning. Possesses strong skills in Python, MySQL, data visualization, and advanced data science techniques. Experienced in participating in hackathons and Kaggle challenges, showcasing an ability to thrive in competitive environments. Proven project management experience through leadership roles at Earthview Management and volunteer work as an ICP Ambassador at Masinde Muliro University.

## Key Skills

- **Product Management**
- **SDLC (Software Development Life Cycle)**
- **Teamwork**
- **Google Cloud Platforms**
- **MongoDB**
- **Documentation and Technical Writing**
- **Python**
- **Machine Learning Tools**
- **Kafka**
- **Apache**
- **Data Analysis and Data Engineering**
- **Django**
- **Flask**
- **Community Management**

## Accomplishments

- **Google Developers and Online Community Owners**  
Recognized in January 2024 by Google for Developers for community building skills. Managed development, integration, maintenance, and support of internal products.

## **Professional Experience**

### **Earthview Management Limited**

*Software Developer*

January 2024 - Present

- Worked on full-stack development projects, managing internal and external client projects.
- Led project reviews to ensure optimal performance and timely delivery of solutions.
- Developed and maintained software solutions to enhance process efficiency and user experience.

### **Data Science East Africa Participant**

- Presented the project "House Price Prediction in Kenya" organized by Lux, demonstrating expertise in data analysis and predictive modeling.

### **Contributor on Kaggle**

- Actively participating in Kaggle data science challenges, particularly focusing on house prediction tasks.
- Recognized as a contributor on the Kaggle platform, highlighting dedication and proficiency in data analysis and predictive modeling.

### **Industrial Training**

- Gained basic skills in networking and configuration of Cisco routers and switches.
- Performed cabling in computer laboratories assigned.

### **Projects**

- **Course Recommendation System:**  
Led the development of a system allowing users to choose different models such as KNN, Course Similarity, Neural Network, and User Profile for recommendations.
- **House Price Prediction in Kenya:**  
Developed a model to predict house prices using various features, demonstrating expertise in data analysis and predictive modeling.
- **Stock Market Prediction using LSTM with Attention Mechanism:**  
Created a predictive model to forecast stock market trends using advanced machine learning techniques.
- **Web Scraping Projects:**  
Extracted data from various websites, showcasing proficiency in web scraping techniques and data extraction.

## Hobbies

In addition to professional pursuits, I enjoy exploring diverse interests and hobbies, including:

- **Travelling:** Enthusiastic about discovering new cultures and destinations, fostering a broader perspective on the world.
- **Learning/Reading:** Passionate about continuous learning and self-improvement, with a particular interest in technology and innovation.
- **Dancing:** Finding joy and expression through movement, whether it's in the form of structured routines or spontaneous dance sessions.
- **Singing:** Engaging in the art of vocal expression, finding solace and creativity in music.

## Volunteering & Community Involvement

- **ICP Ambassador**  
Volunteering at Masinde Muliro University to promote blockchain technology, particularly ICP (Internet Computer Protocol), and mentoring students.

## Education

### Masinde Muliro University of Science and Technology

- Bachelor of Science in Information Technology. (2021-present)

### Sawagongo High School

- Attained Kenya Certificate of Secondary Education (KCSE), laying the foundation for academic excellence and personal growth. (2017 - 2020)

## Referees

- **Dr. Raphael Angulu**  
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