

# CHRISTINE KERUBO

**Python and Machine learning engineer**

## Contact Details 0114232496

[kerubochri@gmail.com](mailto:kerubochri@gmail.com)

333-40105, Maseno

### Skills

* Machine Learning
* Data Analysis
* Web Development
* Operating Systems (Windows, Linux)

### Programming Languages and Frameworks

* Python
* Java
* Django
* C++
* HTML, CSS and JavaScript
* MySQL

**Tools**

* Tensor flow
* Sci-kit learn
* Pandas
* NumPy
* Jupyter Notebook

**Certificates**

* Second runners up Kenya Cyber Security and Forensics Association (KCSFA) in collaboration with Huawei.

# Profile

Aspiring Python and Machine Learning Engineer with a strong foundation in Computer Science and practical experience in building and deploying models using TensorFlow, scikit-learn and PyTorch. Set to graduate in December 2024. I am eager to apply my analytical skills and passion for data-driven solutions to real-world challenges. I am quick to learn new technologies and thrive in collaborative environments making me a valuable addition to any team focused on innovation and machine learning.

# Work Experience

**Software Development Intern**

### Lake Basin Development Authority | May – August 2023

### Assisted in analyzing and visualizing data to support community outreach programs and improve operational efficiency.

### Created reports and presentations to communicate findings and recommendations to stakeholders.

* Developed a library management system using Django and Bootstrap.

**Academic Projects**

**Maseno University | 2022 – 2024.**

* Predictive model for Housing Prices
* Sentiment analysis of social media data
* Customer Segmentation using K-Means Clustering

## Volunteer Experience

**Local community center | 2023 – 2024**

* Conducted workshops on Python programming, data analysis and introductory machine learning techniques
* Organized coding workshops and hackathons

## Education

* Bachelors’ degree, BSC Computer science – Maseno University (2020 – 2024).
* Asumbi Girls High School – (2015 – 2019).
* Maseno Vision Primary School – (2006 – 2014).

## Referees

Dr. Calvins Otieno – Dean school of Computing and Informatics, Maseno University.

*Phone – 0710764518.*

Joshua Agar – Head of ICT department, Lake Basin Development Authority (LBDA).

*Phone – 0706023527.*