**Ephantus Macharia**

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**PROFESSIONAL EXPERIENCE**

**Free-Lancer January 2022-Present**

**PROJECTS**

**Audio cutter and Converter-**Kutus, Kenya **February 2023**

* The goal of this project was to create a python script that can cut an audio mp3 file into bits of 5 minutes using the python wrapper for FFmpeg. On the other hand, it was also supposed to convert DAT files into MP3
* For this project, I used Python and Bash

**Betting Bots -** Kutus, Kenya **February 2023**

* I used selenium to create different bots for different sport betting sites in Kenya
* The sites Featured in this project include, shabiki, odibet, betika and betway.

**London Crime Prediction-**Kutus, Kenya **September2023**

* I built a machine learning model to do an analysis of crime rates and the the types of crimes reported in london

**Farm Simulator-**Kutus, Kenya **July 2022**

* Built a farm simulator as a side project. It simulates the progression of goats in a farm. This project was purely for the purpose of learning

**Awards and Achievements**

**Digicert** **October 2021**

* Collaborated in creating the digicert application that ranked Top 15 in Konza technopolis innovations competitions

**Education**

**September 2018** **October 2022**

**Kirinyaga University**

**SKILLS**

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| **Databases** | **Mongodb, MySQL** |
| **Frameworks** | **Flasks, Gin, Expressjs, Pytorch, Keras** |
| **Programing languages** | **Python, Golang, JavaScript** |