

CURRICULUM VITAE

ESTHER MUTHONI NYAMU

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PROFILE

Passionate and driven tech enthusiast with a strong foundation in **front-end web development and Python programming**. Currently pursuing a **Bachelor of Arts (Kiswahili, Religion) with Information Technology** at Maseno University. Dedicated to continuous learning, problem-solving through technology, and creating real-world solutions. Actively developing skills in software development through the **Power Learn Project Africa** and advancing expertise in Git, GitHub, and GUI programming with Tkinter.

Adept at **adapting to new technologies**, working independently and collaboratively, and effectively managing time. Seeking an **internship or attachment opportunity** to apply my technical skills and contribute meaningfully to an innovative team.

EDUCATION

Maseno University

📅 **2021 - 2025 | Bachelor of Arts (Kiswahili, Religion) with Information Technology**

- Relevant coursework:
 - **Information Technology:** Computer communication systems, Internet and the Worldwide Web, Computer-based information systems, Desktop publishing techniques, Relational database management systems.
 - **Languages & Humanities:** Advanced Kiswahili and Religion studies.

Kahatia Secondary School

📅 **2017 - 2021 | KCSE Mean Grade: C+**

- 2017 - 2018: Studied **computer studies** and graduated with **Distinction** in:
 - MS Word
 - MS Excel
 - MS Access
 - MS Publisher
 - Internet Applications

TECHNICAL & SOFT SKILLS

- **Front-End Development:** Proficient in **HTML, CSS, JavaScript**, passionate about UI/UX design.
 - **Python Programming:** Intermediate knowledge in Python, working on **real-world applications** like a **meal planner** and **GUI applications**.
 - **Version Control:** Comfortable using **Git and GitHub** for project collaboration.
 - **GUI Programming:** Learning **Tkinter** for Python-based desktop applications.
 - **Problem-Solving:** Ability to develop solutions that address everyday challenges through technology.
 - **Communication Skills:** Fluent in **English and Kiswahili**, excellent at **technical documentation and presentations**.
 - **Time Management & Adaptability:** Skilled at handling multiple tasks, learning quickly, and embracing new challenges.
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PROJECTS & ACHIEVEMENTS

Power Learn Project Africa (2025 - Present)

- Currently undergoing a **rigorous software development full course** covering full-stack development, problem-solving, and project-based learning.

Virtual Pet Zoo (2024)

- Developed an **interactive Python-based application** where users care for virtual animals, applying **object-oriented programming** concepts.

Meal Planner App (2024 - Ongoing)

- Building a **Python-based meal planner** that automatically calculates **calories** and suggests meals based on dietary goals.

Python Nano Degree (2023)

- Successfully completed a **Python Nano Degree** from **Bengo Hub Website**, gaining a solid foundation in **software development**.

Crochet Computer School (2017)

- Graduated with a **Credit in Computer Studies**, mastering:
 - Database Management
 - Electronic Spreadsheets
 - Desktop Publishing

- Networking & Internet Usage

CERTIFICATIONS

- 🎓 **Python Nano Degree** | Bengo Hub (2023)
- 🎓 **Computer Studies Certificate** | Crochet Computer School (2017)

REFEREES

✉ **Dr. Owen O. Mc Onyango**
Lecturer, Maseno University
☎ 0722 633230

✉ **Titus Owuor**
Programs Coordinator, Bengo Hub
☎ 0743 793901

✉ **Ephantus Mwangi**
Programs Coordinator, Crochet Computer School
☎ 0725 334588
