Grace Wambui Mwangi

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PROFESSIONAL SUMMARY

Motivated Business and IT student with experience in technical support, python programming, and data-driven problem solving. Capable of developing effective solutions to real-world problems using cutting-edge frameworks such as Next JS. Demonstrated leadership and teamwork abilities as a 2024 team leader global finalist in the Huawei ICT Competition and a participant to the NASA Space Apps Challenge and awarded first place. I am passionate about merging technical innovation with strategic business outcomes.

EXPERIENCE

IT Intern   May 2023 - Aug 2023

Superfine Africa Nuts Limited, Thika

- Hardware repair and maintenance
- Software installation and maintenance
- Networking
- Data entry and analysis using Microsoft Excel

SKILLS

Programming languages: Python

Soft skills: Proper communication, Critical thinking

Technical skills: Technical support, Automation, Data entry and analysis.

Tools and Software: Development frameworks such as Mind-Spore, TensorFlow, Next JS, Kali Linux, open-Euler

EDUCATION

Bachelor of Business and Information Technology

September 2020 – July 2025 (Expected)

Africa Nazarene University,

Nairobi

International Computer Driving License

Jan 2020 - Oct 2020

*Jomo Kenyatta University of Agriculture and Technology (JKUATES Enterprises Limited),
Juja*

LICENSES & CERTIFICATIONS

HCIP AI EI-Developer 2025

Huawei Technologies

HCIA Cloud Service 2024

Huawei Technologies

HCIA Artificial Intelligence 2024

Huawei Technologies

Computer Forensics and Digital Forensics Masterclass PRO+ 2024

Udemy

Business Intelligence Concepts, Tools, and Applications 2023

University of Colorado (Coursera)

International Computer Driving License (ICDL) 2020

Jomo Kenyatta University of Agriculture and Technology (JKUATES Enterprises Limited)

PROJECTS & ACHIEVEMENTS

Huawei ICT Competition, Team Leader and Global Finalist Jan 2024 - May 2024

Huawei Technologies Kenya, Nairobi

I participated in the cloud track, focusing on Cloud Services, Artificial Intelligence, and Big Data.

Skills developed

- Technical skills in Python
- Problem-solving abilities
- Had a leadership experience
- Enhanced Python language skills

NASA Space Apps challenge Oct 2024

Challenge – Create an orrery web app that displays near earth objects

We developed a visualization tool simulating the movement of satellites, asteroids, and debris in Earth's orbit. The tool combines real NASA data with randomly generated objects, providing a realistic view of space activity. It facilitates tracking, collision detection, and prediction of space debris to support space sustainability. Implemented using Next.js and TypeScript; hosted on Vercel. GitHub and NASA Public API were utilized for development. Below is a link to the site:

https://spaceapp-self.vercel.app/

Skills developed

- Team collaboration
- API management
- Data integration
- Next JS and Typescript

<u>REFERENCES</u>

Available on request