

MIRIAM NTHENYA MWONGELA

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PROFESSIONAL SUMMARY

Computer Science student passionate about programming, software development, and emerging technologies. Skilled in problem-solving, research application, and building impactful solutions in education, agriculture, and healthcare. Recognized for leadership, mentorship, and community engagement.

EDUCATION

September 2023 – Present

Bachelor of Computer Science

Riara University, Nairobi, Kenya

January 2019 – December 2022

Kenya Certificate of Secondary Education (KCSE)

Mua Hills Girls Secondary School, Machakos, Kenya

PROFESSIONAL QUALIFICATIONS & CERTIFICATIONS

September 2025

Certificate of Participation – Mozilla Responsible Computing Challenge (RCC) Programme

Riara University, Nairobi, Kenya

September 20, 2024

[Certificate in Introduction to Internet of Things](#)

Cisco

July 18–20, 2024

Certificate of Participation – Design Thinking Hackathon

Riara University, Nairobi, Kenya

31st May, 2024

[Certificate in International Computer Driving License](#)

Mount Kenya University, Machakos Kenya

PROJECTS

Smart Warehouse Management System (Final Year Project) - React, Node.js, MongoDB (In Progress)

Personal Portfolio Website – React (In Progress)

Budget Tracker - Java (Interface Prototype)

WORK EXPERIENCE

October 2025 – Present

Student Leadership – Representative of Students with Disabilities, Riara University

- Advocacy, mentorship, and organizing inclusivity programs.

Jan 2025 – Present

Volunteer – Strathmore University Community Service Center

- Mentorship and outreach in schools, orphanages, and rehabilitation centers.

Sept – Dec 2024

Volunteer – Kwetu Home of Peace

- Organized educational and recreational activities for street boys.

Sept – Oct 2024

Administrative Support – ADR & Arbitration Module, Riara University

- Managed registrations, attendance, and certificate distribution.
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SKILLS

Technical Skills:

Python, Java, JavaScript, C++, HTML, CSS, React, Bootstrap, MySQL, MongoDB, GitHub,

Canva

Soft Skills:

Leadership, mentorship, communication, teamwork, problem-solving, time management,

empathy

REFERENCES

Available upon request