Shain Mukungu

Computer Scientist | Researcher | Developer

CONTACT

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PERSONAL DETAILS

Full Name: Shain Mukungu Kampasi

Date of Birth: 15 August 2001

Gender: Female

Nationality: Namibian

Languages

- English—Read, Write, Speak (Fluent)
- Afrikaans—Read, Write
- Oshikwanyama—Read, Write, Speak
- Rukwangali—Read, Speak
- Portuguese—Read, Write, Speak

EDUCATION

<u>**Bachelor of Science in Computer Science(Honours) | 2020–2024**</u>
University of Namibia – Graduated: April 2025

Key Modules:

- Numerical Methods, Machine Learning, Data Warehousing, Operations Research

<u>**Rukonga Vision School | 2015–2019**</u>
NSSCH Certificate
Top Subjects:

- Mathematics, Physical Science, Design & Technology, Biology

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RESEARCH & ACADEMIC PROJECTS

<u>**Virtual Reality Platform for Cultural Artifact Preservation**</u>

Final Year Thesis Project | 2024

- Researched and developed a VR platform to preserve Namibian cultural heritage digitally.
- Addressed the decline of physical museums and the loss of access to national artifacts.
- Enabled immersive 3D exploration of cultural items using VR and 3D modeling.
- Thesis Title: *"Preserving Namibian Culture Through Immersive Technologies: A Virtual Reality Solution to Physical Museum Challenges."*

ACHIEVEMENTS & HACKATHONS

UNAM Astrophysics Data Science Hackathon | 2025
1st Place – Team Leader

One Economy Foundation Social Hackathon | 2023
1st Place – Team Leader

NCRST Science Week Innovation Challenge | 2023
2nd Place– Team Leader

TECHNICAL EXPERIENCE

<u>**Software Developer | Freelance & National Projects | 2022–2025**</u>

Namibian Parliament Mobile App
- Developed interactive public voice and legislative engagement features.

Namibian Constitution App
- Created a searchable, user-friendly platform for accessing national laws.

STEAM Learning App & Quiz System
- Designed a multi-round quiz system with real-time timers and scoring logic.

TECHNICAL SKILLS
- Languages: Python, JavaScript, C#, PHP, HTML/CSS, SQL
- Frameworks: Flutter, React, Unity, WordPress
- Tools: Git, Blender, Godot, VR/AR SDKs, MySQL, Firebase
- Concepts: Data Mining, Machine Learning, Research Methodology, Numerical Analysis

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SOFT SKILLS
- Critical Thinking
- Curiosity & Lifelong Learning
- Time Management
- Problem Solving
- Communication

PUBLICATIONS / ONGOING RESEARCH

In progress
Turning final year thesis into a research paper for potential journal publication.

Contributing Interests
Data science, Astrophysics, artificial intelligence, digital heritage, educational technology, and immersive learning.

REFERENCES

Tuwilika Mulongeni – Mindsinaction Supervisor
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Maria Ndapewa Ntinda – Research Supervisor
nntinda@unam.na.