

MMATSIE SARA BOPAPE CURRICULUM VITAE

Surname: Bopape

First Names: Mmatsie Sara

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Gender: Female

Phone Number: +27714729485

Home Language: Sepedi

Other Languages: English, Zulu, Xhosa, Venda, Tsonga

Nationality: South African

Criminal Record: None

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GitHub: <https://github.com/sarahbopape0758>

Portfolio: <https://sarahbopape0758.github.io/Portfolio/>

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PROFESSIONAL SUMMARY

Final-year Computer Science student who works well with people, communicates clearly, and handles responsibilities with maturity and reliability. Experienced in tutoring and community-facing roles, where I developed patience, confidence, and the ability to explain and understand complex ideas easily. I adapt quickly to new environments, stay organised under pressure and support a strong work ethic. My technical background includes programming fundamentals, web development, networking, and cybersecurity basics, supported by hands on academic projects and practical exposure. I bring a balanced combination of interpersonal strengths, professionalism, and solid technical foundations.

EDUCATION

Walter Sisulu University *BSc in Computer Science (2023–2026, Final Year)*

Key Modules: Data Structures, Computer Architecture, Operating Systems, Networking, Mathematics, Web Development, Data Communication

Eqinisweni Secondary School

National Scenario Certificate (2022)

WORK EXPERIENCE

Tutor – Walter Sisulu University (*Jan 2025 – Nov 2025*)

Subjects: Linear Programming, Applied Computing

- Helped students understand optimisation concepts and computing fundamentals
- Led tutorial sessions and exam preparation workshops
- Supported struggling students through one-on-one academic help
- Collaborated with staff to develop clearer, high-impact student support materials.

IEC Digital Registration Assistant (*Aug 2025-Sep 2025*)

- Helped community members with IEC voter registration and online submissions
- Provided technical support to elderly and first-time online users
- Improved community digital literacy by guiding users through online systems
- Ensured correct capturing of registration details and queue coordination

TECHNICAL SKILLS

Programming Languages: C++, Java, JavaScript, Python, HTML, CSS

Web Development: Front-End Development, Responsive Design

Tools: GitHub, Linux CLI, Cisco Packet Tracer, Wireshark

Key Areas: Algorithms, Data Communication, Networking, Agile Practices

PROJECTS

Smart Lecturer Scheduling & Navigation System

- A React web application enabling students to check lecturer availability and navigate campus buildings efficiently Hill Cipher Encryption/Decryption Tool

- An Octave-based cryptography tool using matrix operations and modular arithmetic for secure text encryption and decryption

CERTIFICATIONS

- ALX — Professional Foundations Program
- Google Cybersecurity (Coursera)
- Huawei Cloud Service Computing – Micro Certification
- Cisco Networking Essentials
- Linux Unhatched
- Programming Essentials in C++
- FNB South Africa - FULL STACK DEVELOPMENT

STRENGTHS

- Problem Solving & Critical Thinking
- Time Management & Self-Motivation
- Fast Learner with a Growth Mindset
- Strong Team Collaboration & Communication
- Multilingual (5 Languages)

REFERENCES

Dr Chaisi – Lecturer, Walter Sisulu University
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