

Mthokozisi

📍 Pretoria, Gauteng, South Africa ✉ mthokozisisamson51@gmail.com ☎ 0769461533 🌐 in/Mthokozisi Samson Mtsweni

SUMMARY

Final-year BSc Mathematics student with practical experience in **cybersecurity, programming (Java, Python, C++)**, **Linux systems**, and **web development**. Skilled in identifying vulnerabilities, analyzing logs, and implementing proactive security measures. Passionate about technology and eager to contribute to impactful projects through an internship that builds on my strong technical foundation.

EXPERIENCE

cyber security analyst intern

SARAO (South African Radio Astronomy Observatory)

July 2023 – July 2023, remote

- Monitored and managed **email security systems** to prevent phishing and spam attacks.
- Conducted **simulated phishing campaigns** to evaluate and improve employee awareness of social engineering threats.
- Developed and recommended **targeted security training** based on phishing test results.
- Analyzed **security logs** to detect patterns, anomalies, and indicators of compromise.
- Performed **vulnerability assessments** on networks and systems, identifying key risks.
- Provided actionable **remediation recommendations** to improve the organization's security posture.
- 🏆 **3rd Place** – SMU Student Entrepreneurship Competition (MJ Burger Bites, 2024)
- Co-founder of **MJ Burger Bites**, a student-led burger business targeting late-night student demand.
- Used WhatsApp-based marketing to grow revenue to over **R4000/week** from an **R800** startup budget.

PROJECT

Co-founder Mj burger bites

Mj Burger bites • April 2024 – July 2025

- 🏆 **3rd Place** – SMU Student Entrepreneurship Competition (MJ Burger Bites, 2024)
- Launched MJ Burger Bites to address late-night student cravings, leveraging grassroots digital marketing strategies and orchestrating scalable operations to support future product line extensions and student job creation.
- Used WhatsApp-based marketing to grow revenue to over **R3000/week** from an **R800** startup budget.

EDUCATION

BSc Mathematics and Computer Science

Sefako Makgatho Health Science University • Pretoria, Gauteng • 2025

CERTIFICATIONS

Introduction to networks

cisco academy • 2024

- Completed Cisco CCNAv7: Introduction to Networks – built foundational knowledge in IP addressing, subnetting, routing, and network troubleshooting essential for cybersecurity and IT operations

Introduction to Linux Cisco 2022

Cisco • 2022

- Hands-on experience using Linux systems for file management, command-line navigation, and basic system administration through Cisco NDG Linux training.

IT essential

cisco academy • 2022

- Completed Cisco's IT Essentials course, covering hardware/software configuration, operating system installation, and basic troubleshooting techniques. Built foundational knowledge for systems security and support.

SKILLS

- **Programming:** Java, Python, C++, HTML, CSS
- **Cybersecurity:** Vulnerability Assessment, Phishing Simulation, Security Auditing
- **Systems & Tools:** Linux (NDG), Mimecast, Gophish, FortiAnalyzer, Qualys

- **Web Development:** Responsive design, UI/UX basics
 - **Networking & OS:** CCNA basics, Linux
 - **Other:** Communication, Analytical Thinking, Team Collaboration
-