THAKGALO SEHLOLA

Pretoria, Gauteng | +27 69 328 9696 | slthakgalo04@gmail.com

www.linkedin.com/in/thakgalo-sehlola | https://github.com/THakgvLO

OBJECTIVE

I am a final-year BSc Environmental Sciences student majoring in Geography and Computer Science, with strong skills in data analytics, systems thinking, and cloud-based automation. Passionate about using technology to solve real-world challenges in sustainability, public safety, and business intelligence. Seeking opportunities to apply my technical expertise and interdisciplinary mindset in data-driven roles that create meaningful impact.

EDUCATION

BSc in Environmental Sciences with Geography and Computer Science

North-West University   2023 to 2025

- Majors: Geography and Computer Science
- Related course work: Object Oriented Programming, Data structures, Advanced databases, cloud computing, remote sensing, GIS, systems analysis, Python programming, SQL, environmental modelling, statistics, and conceptual schema design.

EXPERIENCE

Introductory Statistics SI Facilitator

North-West University   Aug 2025 to Present

- Led 12+ weekly SI sessions for Introductory Statistics (STTN122) module, supporting over 60 students in developing statistical reasoning and problem-solving skills.
- Created and delivered custom practice materials aligned with module objectives, contributing to a 15-25% improvement in student performance and engagement.

C++ Student Assistant

North-West University   Jul 2024 to Oct 2024

- Supported over 100+ students in C++ lab sessions, offering real-time debugging and syntax correction.
- Facilitated weekly sessions that contributed to a 15–20% improvement in average lab scores across the cohort.
- Clarified programming logic, syntax, and best practices through real-time consultations and one-on-one support

SKILLS & ABILITIES

Technical Skills: Python, SQL, Power BI, JSON, NoSQL, GIS, Power Apps, Linux, Flowgear

Software: Excel, VS Code, Git, Jupyter/Colab

Soft Skills: Communication, Facilitation, Teamwork, Adaptability, Technical Writing, Presentation

REFERENCES

References will be rendered upon request