

# Winani Rikhotso

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Geomatics student actively seeking work integrated learning opportunity to fulfill qualifications, dedicated to supporting company goals and contributing to professional projects. Committed to continuous learning and development in geomatics engineering. A dedicated student who can be relied upon to help your company achieve its goals.

## Professional Experience

**Geomatics second Year Student**

## Education

**Tshwane University of Technology**

**Diploma of Engineering Technology in Geomatics Engineering - Second year**

## Projects

**Geomatics Control Project**

**08/24 - 09/24**

- Practical Fieldwork – Traverse Surveying for GCP at Toppieshoek Camp
- Conducted traverse surveys as part of a hands-on fieldwork program, gaining experience in data collection and field measurement.
- Operated surveying instruments, including Total Station and GPS equipment to establish accurate traverse points and angles.
- Collaborated with group members to calculate adjustments, ensure survey accuracy and adhere to safety protocols.
- Documented field data and assisted in processing it for analysis, applying geomatics engineering principles in a real-world environment.

## Key Skills

- Surveying Instruments Operation: Skilled in handling Total Station, GPS and digital levels for data collection.
- GIS and Mapping Software: Proficient in software like ArcGIS for mapping, spatial analysis, and data visualization.
- Field Data Collection: Ability to conduct and oversee field data collection, ensuring accuracy, quality control and proper equipment use.
- Cartography and Map Production: Skilled in designing, compiling, and producing detailed and aesthetically sound maps.
- Database Management: Capable of managing geospatial databases, including data entry, update storage and retrieval for project needs.
- Technical Documentation and Reporting: Strong written communication skills for compiling survey reports.

## References

Mrs. LT Mokuia - Lecture, Tshwane University Of Technology  
0658310605