

# Tumelo Maphalla

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## EXPERIENCE

**North-West University** | *Tutor*

**03/2022 – 11/2023**

- Tutored undergraduate students in computer science courses, providing guidance on programming concepts and assignments.
- Conducted one-on-one sessions and group tutorials to clarify complex topics such as algorithms, data structures, Calculus, and software development methodologies.
- Assisted students in debugging code and improving problem-solving skills in languages including Java, Python, R, and C++.
- Developed lesson plans and learning materials to supplement course content and enhance understanding of theoretical concepts.
- Received positive feedback from students for clear explanations and effective teaching methods.

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## SKILLS

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|---------------------------------|--|-------------------------------------|
| • <b>Software tools:</b>        | Python, Power BI, R, SAS, C/C++, Java, Tableau, HTML-CSS, SQL                  | <b>Technical Skill:</b> Expert      |
| • <b>Statistics Principles:</b> | Inferential Statistics, Statistical Tests, Probability, Descriptive Statistics | <b>Proficiency:</b> Expert          |
| • <b>Communication:</b>         | Written and Oral Communication: English, Sesotho                               | <b>Language Proficiency:</b> Strong |

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## EDUCATION

**North-West University** | *Bachelor of Science in Computer Sciences and Statistics*

**01/2021 – 12/2023**

- Cumulative **GPA:** 1.0
- Deputy Chairperson of Student Council

**ED Mashabane Secondary School**

**01/2016 – 12/2020**

- Cumulative **GPA:** 1.0

### Additional courses

- Web Development, Data Analysis with python, Front-End Libraries

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## REFERENCES

Dr Imelda Smith from University  
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Ms Lethiwe Khubeka from University  
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