

# Thabiso Owen MACHIPI



## PROFILE

I'm an open-minded, self-assured individual who appreciates working under pressure and accepting new challenges. My potential and intellectual curiosity are equal to my commitment to influencing others and maintaining a good outlook on life. As a human being, my basic goal is to complete things. I'm completing my MSc in Astrophysical Sci and i hold a Hons degree in physics. I also have an excellent learning ability. My strongest skills are research, writing, statistical analysis, communication, computer language competency (python, SQL, R), and the ability to convey complex and specialized ideas.

## CONTACT DETAILS

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Gauteng (Midrand)

## PERSONAL INFORMATION

Date of Birth: **20 December, 1997**

Gender: **Male**

Home Language: **Sepedi**

Other Languages: **English ,  
Tswana , Tsonga , Venda , Xhosa**

## PROGRAMING SKILLS

- Python and R
- LATEX
- SQL
- Power BI
- Tableau

## EXPERIENCE

CHEMISTRY LAB ASSISTANT at *University of Limpopo (Limpopo)*. **2019–2020**.

- ◇ Conducting experiments by designing and performing them to gain information and test scientific procedures.
- ◇ Formulating and testing various scientific hypothesis.
- ◇ Evaluating and analyzing data from the experiment conducted and delivering them in written and verbal form.
- ◇ Maintaining cleanliness and safety standards in the lab and lab storage at all times.

## EDUCATION

MASTER IN ASTROPHYSICAL SCIENCES. *North-West University*. **2022–2024**

BACHELOR OF SCIENCE HONS IN PHYSICS. *North-West University*. **2021 (Full year)**

BACHELOR OF SCIENCE IN PHYSICAL SCI. *University of Limpopo*. **2017–2020**

## CERTIFICATES

- ◇ Introduction to Data Science
- ◇ Data Analysis with Python
- ◇ Introduction to Tableau Desktop
- ◇ Occupational Workplace Health and Safety for the Mining Industry
- ◇ SQL for Beginners
- ◇ Microsoft Power BI Data Analyst Professional Certificate
- ◇ Microsoft Office
- ◇ Introduction to Compliance and Risk Management
- ◇ Operational Risk Management
- ◇ Getting Started with SAS Visual Analytics
- ◇ Preparing Data for Analysis with Microsoft Excel
- ◇ Intel Learn Easy Steps Course

## REFERENCES

PROF IURII SUSHCH  
PROJECT SUPERVISOR  
North-West University (Potchefstroom Campus)  
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MS TG RAMAKADI  
SENIOR LAB ASSISTANT/ MENTOR  
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