

My passion is not just data science. I am driven by the challenge of understanding complex real-world problems. Whether I am building models, mentoring fellow students, or helping to run workshops, I am always looking for opportunities to grow and contribute. I enjoy learning, sharing knowledge, and being part of a team that values curiosity and thoughtful problem solving. I look forward to bringing my energy, analytical mindset, and love of learning to a graduate programme where I can always ask, "What can I learn next?"

EXPERIENCE

Workshop Facilitator and Head of Marketing and Advertising

Sol Plaatje University Data Science Club

2024 - Present

- Ran peer workshops on Python, AI, and data tools
- Led event marketing and communications

Temporary Examination Assistant

Northern Cape Department of Education

12/2024 - 12/2024

- Entered and verified matric exam data under strict deadlines

Tutor and Social Media Manager

Google Developers Student Clubs

2023 - 2024

High School Tutor

The Swot Club

2022 - 2023

EDUCATION

BSc(Hons) Data Science

Sol Plaatje University

2025 - Present

Relevant Modules

- Research Topic: Explainable AI for Email Phishing Detection leveraging Machine Learning and Natural Language Processing
- NLP, Deep Learning, Large-Scale Optimization, HPC

BSc Data Science

Sol Plaatje University

Relevant Modules

- Machine Learning, Data Analysis, Simulation, Signal Processing, Security

SKILLS

Technical Skills: Python, R, MATLAB, PowerBI, SQL

Soft skills: Problem Solving, Leadership, Communication, Time Management

Data Science: Machine Learning, Statistical Modelling, Data Visualization, Deep Learning

PERSONAL PROJECTS

Fake Currency Detection System

- Developed a signal image processing model to detect counterfeit banknotes using rupees as sample currency.

Natural Language Processing Chatbot

- Developed a conversational chatbot using NLP libraries to process and respond to user input.

Loan Prediction System

- Created a classification model to predict loan eligibility based on applicant data.

Emotion, Keyword and Speaker Detection with LSTM

- Designed a deep learning model for speaker identification, emotion detection, and keyword spotting from audio data.

ACHIEVEMENTS

Southern Africa – Netherlands Cyber Security School (SANCS)

HCSS, Stellenbosch University, Ministry of Foreign Affairs

LANGUAGES

English ● ● ● ● ●

Afrikaans ● ● ● ○ ○

INTERESTS

Cybersecurity

Data Visualization

Gym

Reading

Crocheting