

Olwethu Sigwela

olwethusigwela22@gmail.com | 081 388 1306 | Johannesburg | [Portfolio](#)

WORK EXPERIENCE

Selenium Database

2025 – Present

Software Developer

Johannesburg

- Selenium Database is an emerging start-up focused on real estate data analysis in the Southern African property market.
- I am responsible for the development and maintenance of the Selenium Database web application, as well as data engineering for the company.
 - **Stack:** Python (Django, Flask); JavaScript (React); Linux (Ubuntu); Google Cloud Platform; Firebase;

XLink Communications

2023 – 2024

IT Specialist

Johannesburg

- [XLink Communications](#) is an award-winning payments technology company that has presence across Africa and has supported over 300 000 financial transaction devices.
- As the IT specialist, I was responsible for maintaining the company's internal network and hardware assets.
 - **Stack:** Python; Linux (Ubuntu)

South African National Space Agency

2022

Data Science Intern

Hermanus

- The [South African National Space Agency](#) is a leading South African space research institution, specialising in space weather, it provides data and space weather forecasts that guide industrial and policy decisions across the world.
- During my internship, I analysed solar flare data from the GOES-16 satellite, among other datasets, and presented the findings to scientists at the International Space Weather Camp at the SANSA Space Weather Centre.
 - **Stack:** Python (Scikit-learn, Seaborn)

Rhodes University

2020 – 2022

Computer Science Tutor | 2020 – 2022

Makhanda

- Helped to explain difficult Computer Science concepts to first-year and second-year students.

Physics Tutor | 2020 – 2022

Makhanda

- Helped first-year students understand and complete practical assignments.

EDUCATION

Rhodes University

April, 2022

Bachelor of Science, Computer Science and Physics

Makhanda, Eastern Cape

- **GPA: 4.0; Cum Laude;** Alexander Ogg Prize in Physics; Dean's List

SKILLS & INTERESTS

- **Technologies:** Django; React; Flask; Tensorflow; PyTorch; .NET; Firebase; SQL
- **Skills:** Full-stack development; Data Science; Machine Learning
- **Interests:** Creative writing; Reading; Cycling; Movies