Kgosi Ruri Molebatsi

Education

University of Kent — Canterbury, United Kingdom
MSc Data Science — Sept 2025 – Sept 2026

- **Dissertation:** A Graph-Based Vision Transformer Approach for Short-Term Atlantic Hurricane Intensity Classification.

Heriot-Watt University — Edinburgh, United Kingdom
BSc (Hons) Actuarial Science — Sept 2021 – May 2025

Professional Experience

University of Kent — Canterbury, United Kingdom
IT Support Assistant — Feb 2026 – Sep 2026

- Provide first-line technical support across hardware, software and network systems.
- Diagnose technical incidents, document root causes and maintain resolution workflows within service standards.
- Strengthened practical experience in systems troubleshooting, operational reliability and technical communication.

Ageas UK — Eastleigh, United Kingdom
Strategic Market Pricing Intern — Jun 2025 – Sep 2025

- Developed Power BI dashboards analysing daily price-comparison website data to monitor competitor pricing, exposure shifts and underwriting signals.
- Built and optimised automated SAS data pipelines enabling daily refresh of pricing and exposure analytics.
- Conducted feature engineering and rating factor testing using Gradient Boosting Models within WTW Radar.
- Delivered pricing and exposure insights to underwriting and portfolio management stakeholders.

Faraday Underwriting Limited — London, United Kingdom
Risk Management Intern — May 2024 – Aug 2024

- Collaborated with syndicate risk specialists to review and recalibrate Operational Risk parameters within the Internal Model framework, strengthening robustness of capital forecasts.
- Prepared and presented parameter change analysis to the Internal Model Validation Committee, providing independent challenge on modelling assumptions and methodological consistency.
- Contributed to validation activity across multiple risk components, synthesising findings for senior management and governance reporting.
- Re-architected the team's data management framework to improve auditability, traceability and model governance.
- Designed dynamic Excel validation dashboards monitoring parameter movements, validation outputs and risk metrics.
- Supported ORSA preparation and validation processes under Solvency II requirements.

Faraday Underwriting Limited — London, United Kingdom
Actuarial Intern — Jun 2023 – Sep 2023

- Enhanced and maintained R scripts supporting capital model troubleshooting, scenario analysis and validation testing.
- Supported 60+ validation tests spanning Reserve Risk, Dependency Modelling, Catastrophe Risk, Non-Catastrophe Risk and Operational Risk modules.
- Analysed validation outputs and summarised findings supporting Internal Model governance processes.
- Assisted in Lloyd's reserve benchmarking and Solvency II Technical Provisions submissions.

The Auld Hundred — Edinburgh, United Kingdom
Waiter & Bartender — May 2022 – May 2023

- Worked in high-volume customer environments requiring communication, adaptability and teamwork.
- Assisted with onboarding and supporting new team members during operational shifts.

Technical Skills

Programming: Python, R, Julia, SQL, SAS
Machine Learning: TensorFlow, scikit-learn
Tools: Power BI, WTW Radar, Git, SPSS, Excel/VBA
Languages: English (Fluent), Setswana (Fluent)

Leadership and Academic Activities

- Head of Research, **Kent Economics Society** (2025–2026)
- Black & Minority Ethnic Advocate, **Heriot-Watt University** (2023)
- Valedictorian, **Tiger Kloof Educational Institution** (2020)
- Ranked 5th Overall in District, South African National Senior Certificate (NSC) Examinations (2020)
- Achieved 2nd Highest Accounting Examination Mark in the North West Province at the **SAICA Thuthuka Development Camp** (2019)
- Achieved highest school marks in both levels of the **Proverto Accounting Olympiad** (2019)
- 2nd level participant, **South African Mathematics Foundation (SAMF) Mathematics Olympiad** (2019)
- Volunteer, **The Hem of His Garment Soup Kitchen**, Tiger Kloof Educational Institution (2017-2020)
- Interests: Long-distance running and road cycling