

Lubasi Sebopeng Nkalolang

Gaborone, Botswana | (+267) 78025697 | lubasinkal@outlook.com | [LinkedIn: linkedin.com/in/lubasinkal](https://www.linkedin.com/in/lubasinkal)

Professional Summary

Highly motivated and analytical Actuarial Science student with a strong academic record and comprehensive foundation in mathematics, statistics, finance, and economics. Possessing demonstrated practical experience in data analysis, process automation, and software development through the application of programming languages including Python, R, Excel, Power BI, and SQL. Proven ability to leverage technical skills and problem-solving capabilities to address complex challenges in financial and actuarial contexts.

Skills

- **Programming Languages:** Python (Pandas, NumPy, SciPy), R, SQL, Visual Basic for Applications (VBA), Golang.
- **Software & Tools:** Microsoft Office Suite (Excel, Word, PowerPoint), Microsoft Power BI, Git, GitHub
- **Actuarial & Domain Expertise:** Financial Mathematics, Actuarial Statistics, Risk Management, Life Contingencies, Survival Models, Stochastic Modeling, Financial Economics, Corporate Finance, Financial Literacy
- **Soft Skills:** Critical Thinking, Problem Solving, Data Analysis & Interpretation, Teamwork & Collaboration, Communication (Written & Verbal), Time Management & Organization, Adaptability
- **Languages:** English and Setswana

Experience

Actuarial Intern | Empirica Actuaries, South Africa (Remote) | January 2024 – March 2025 (11 Months)

- **Collaborated** with senior actuaries on **financial reporting and forecasting tasks** and developed and enhanced internal tools and processes, improving efficiency.
- **Supervised and mentored junior interns on project tasks** and methodologies.
- **Automated manual processes** through technical procedure updates, increasing efficiency.
- **Analyzed insurance data** and financial metrics using **R and Python** to support actuarial model development.
- **Contributed to the development of an automated financial reporting tool** with stress testing, forecasting, and optimization features.
- Assisted in cloud-based web application deployment, implementing CRUD operations and optimizing database performance.
- **Prepared comprehensive reports** and visualizations of actuarial findings and financial projections.
- Partnered with cross-functional teams on data-driven solutions in actuarial science and software development.

Education

Ba Isago University | Bachelor of Commerce Honors in Actuarial Science | 2021 – 2025

- Relevant Coursework: Actuarial Statistics I & II, Financial Mathematics, Corporate Finance, Risk Management, Life Contingencies, Computer Packages and Applications in Insurance, Visual Basic for Applications, Survival Models, Stochastic Modeling, Financial Economics, General Insurance and Theory and Valuation of Derivatives

St. Josephs College | Botswana General Certificate of Secondary Education | 2019 – 2020

Graduated: 44 points

- Key grades: Achieved A grades in English Language and Additional Mathematics, with 5 other B grades

Achievements and Activities

- Awarded Bronze Medal in the Senior Mathematics Olympiad 2020.
- Served as Class Representative, August 2020 – 2025.

References

- Olebogeng Mokgware | Ba Isago University Head of Department Risk Management, Insurance and Actuarial Science (+267)3957744 olebogeng.mokgware@baisago.ac.bw
- Suleman Patel | Ba Isago University Actuarial Science Lecturer | +26777934199, suleman.patel@baisago.ac.bw
- Edwin Puso Afitile | Founder of Empirica Analysis | Actuary +27 60 722 4784 leafitile@campempirica.com