

Lubasi Nkalolang

Actuarial Analyst | Data Enthusiast and Developer

Address Gaborone

Phone (+267) 78025697

E-mail lubasinkal@outlook.com

I am a highly motivated and results-oriented Actuarial Science student with a strong foundation in mathematics, statistics, finance, and economics. I am seeking an entry-level position to contribute my analytical and technical skills to a dynamic team. I have proven ability to leverage programming languages like Python, R, Excel, Power BI, and SQL to automate tasks, streamline business processes, and develop innovative solutions, including internal business tools and client-facing software. I am eager to apply my analytical and problem-solving skills to address complex business challenges in a fast-paced environment.

I am currently pursuing a Bachelor of Science in Actuarial Science at Ba Isago University, with a strong academic record and a passion for continuous learning.

Websites, Portfolios, Profiles

- [linkedin.com/in/lubasinkalolang](https://www.linkedin.com/in/lubasinkalolang)
- <https://lubasinkal.pages.dev>
- <https://github.com/lubasinkal>

Skills

Python

R

Microsoft Office: Proficient in Word, Excel, PowerPoint

Visual Basic for Application

Microsoft Power BI

SQL

Corporate finance

Financial Mathematics

Statistics

Financial literacy

Critical thinking

Time management

Teamwork

Problem solving

Work History

Mar 2024 – Jan
2024

Actuarial Intern (11 Months)

Empirica Actuaries, South Africa (Remote)

- Collaborate with senior actuaries on financial reporting and forecasting tasks.
- Contribute to the development of internal tools and processes to improve efficiency
- Supervised junior interns during projects by providing guidance on tasks and sharing knowledge about methodologies used.
- Automated existing processes by updating technical procedures.
- Data Analysis: Analyzed insurance contract data and key financial metrics using R and Python, supporting the development of precise actuarial models for insurance and reinsurance variables.
- Development of Financial Tools: Contributed to building an automated financial reporting tool, incorporating features like stress testing, financial forecasting, and portfolio optimization to streamline analysis. As well as maintain actuarial models.
- Cloud Application Deployment: Assisted in deploying cloud-based web applications, implementing robust CRUD operations with SQLAlchemy, optimizing database performance, and improving system scalability.
- Office Add-In Development: Played a pivotal role in developing custom Office Add-ins and taskpane enhancements for financial analysis, streamlining workflows and improving data entry efficiency.
- Reporting and Visualization: Prepared comprehensive reports and visualizations summarizing actuarial findings, financial projections, and risk assessments.
- Collaboration and Innovation: Partnered with cross-functional teams to deliver data-driven solutions, contributing to key projects in actuarial science, software development, and process improvement.

Education

2021-01 - Current

Bachelor of Commerce Honors in Actuarial Science

Ba Isago University

A rigorous program combining advanced mathematics, statistics, economics, and finance. This degree provides a strong foundation in actuarial science, risk management, and financial analysis. Coursework includes financial mathematics, actuarial statistics, risk management, corporate finance, and computer applications in insurance. The program emphasizes both theoretical knowledge and practical skills, preparing students for careers in actuarial science, finance, and data analytics.

Current Academic Standing:

- Year 3: Industrial Attachment with First Class Pass of 77%

- Year 2: Upper Second Class with 68.6% average
- Year 1: Upper Second Class with 73.8% average

Key Modules: Actuarial Statistics, Business Communication, Financial Mathematics, Risk Management, Corporate Finance, Life Contingencies, Computer Packages and Applications in Insurance, Visual Basic for Applications, Survival Models, Stochastic Modeling, Financial Economics, Economics, Applied mathematics

2019-01 - 2020-05

Botswana General Certificate of Secondary Education

St. Josephs College

Achievements and activities

- Bronze Medal award in the Senior Mathematics Olympiad 2020
- Class Representative August 2020-Present

Personal Information

Full Name: Lubasi Sebopeng Nkalolang

Date of Birth: 5 Feb 2003

Nationality: Motswana

Address: Gaborone, Botswana

Languages

English

Setswana

References

- Olebogeng Mokgware, Head of Department Risk management and Actuarial Science, 11 Koi Street, Peolwane, Gaborone, +2673957744, olebogeng.mokgware@baisago.ac.bw
- Suleman Patel, Actuarial Science Lecturer, 11 Koi Street, Peolwane, Gaborone, +26777934199, suleman.patel@baisago.ac.bw
- **Edwin Puso Afitile** , Founder of Empirica Analysis, Actuary | IFRS 17 | Ethics Certification Candidate at The Ethics Institute (TEI) & University of Stellenbosch Business School | Tech (Django, Python, R), **+27 60 722 4784**, eafile@campempirica.com