JOY WANJA NJOROGE

ACTUARY, WEB DEVELOPER, DATA SCIENTIST, PYTHON PROGRAMMER

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BACKGROUND

Dedicated and detail-oriented Actuarial Science student in my final year, with strong analytical skills and a solid foundation in stochastic processes, decision theory, and database systems. Proficient in Python and full-stack web development, with hands-on experience in network simulation using Mininet.

Currently pursuing a data science course at WQA University, applying data-driven insights through a house listing project. Gaining practical experience through an attachment at Jubilee Insurance Company, Nakuru branch, where I apply actuarial and analytical skills in a professional setting.

EDUCATION

BACHELOR OF SCIENCE IN ACTUARIAL SCIENCE

Mount Kenya University, 2019 – 2025

- 📇 Relevant Courses: Stochastic Processes, Decision Theory, Survival Analysis, Database Systems, Pension Schemes

DATA SCIENCE CERTIFICATION

World Quant University, 2025

- Applying data analysis and machine learning concepts.

Mother of Mercy Secondary School – K.C.S.E

Saint Peters Elite School – K.C.P.E

EXPERIENCE

JUBILEE INSURANCE CO. | ACTUARIAL INTERN

Nakuru, Kenya, 2025 – present

Working in a mid-sized public accounting firm to provide professional accounting services for individuals and business clients. Provide full range of services, including income tax preparation, audit support, preparation of financial statements, pro forma budgeting, general ledger accounting and bank reconciliation.

SKILLS

- Actuarial and Financial Analysis
- Analytical Thinking
- Microsoft Office
- Data Science and Analysis
- Problem Solving
- Operating Systems
- Programming; html, python, CSS, JavaScript
- Team Work
- Attention to detail