

# CORNELIUS BENLE TANOEL

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## OBJECTIVE

I am a graduate student in Statistics and Data Science at the University of Nevada, Reno, with a focus on statistical modeling and machine learning. Proficient in R Studio, Python, and Microsoft Excel, I build and evaluate predictive statistical models to extract actionable insights. Having passed Actuarial Exam FM, I am currently preparing for Exam P, scheduled for September 2025. I am passionate about leveraging statistical and machine learning techniques to address risk management challenges and enhance strategic decision-making. I am actively seeking internship opportunities to deepen my technical expertise and gain practical industry experience within the actuarial and data science fields.

## EDUCATION

**University Of Nevada, Reno (UNR), USA.**

**Aug 2024- Present**

Ph.D. Statistics and Data Science, CGPA: 3.20/4.00

**Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana.**

**Sep 2019 - Nov 2023**

BSc. Actuarial Science, CWA: 73.57/100. CGPA (WES): 3.76/4.00

## ACTUARIAL EXAMS (SOA)

- Exam FM
- Exam P (Sitting January 2026)

**June 2023**

## WORK EXPERIENCE

**Graduate Teaching Assistant, Department of Mathematics and Statistics, (UNR) Reno.**

**Aug 2024- Present**

- Facilitate discussion sessions that focus on improving comprehension of core and advanced concepts for undergraduate students enrolled in Calculus.
- Proctored and graded quizzes and assignments of students offering constructive feedback to improve overall understanding.

**Graduate Teaching Assistant, Department of Statistics and Actuarial Science (KNUST).**

**Nov 2023- June 2024**

- Organized tutorials to provide further explanation of concepts to over 30 students enrolled in Financial Mathematics and Probability resulting in an 85% exam pass rate.
- Assisted student researchers and faculty with statistical analysis of data and interpretation using R statistical software and SPSS.

**Actuarial Intern, Donewell life Co. Ltd, Tema, Ghana**

**Sept 2022 – Dec 2022**

- Compiled and analyzed detailed reports on insurance sales performance, identifying product trends, agent effectiveness, and regional patterns; supported underwriting and marketing teams with insights to inform product strategy and improve distribution outcomes.
- Scheduled and managed clients' monthly premium contributions, ensuring timely payments and maintaining accurate records to support policy administration and customer service efficiency.
- Led a research team into life insurance product reviews offered in the market and drafted a proposal to review product summaries for improved clarity and competitiveness.

## COMPUTING SKILLS

- Highly proficient in R-Statistical Software and Python: Able to build and evaluate statistical predictive models, machine learning algorithms, data manipulation and analysis.
- Highly proficient in Microsoft Office Excel and Access: Developed comprehensive client databases using Microsoft Access, integrating it with SQL for efficient querying, storage, and reporting of large datasets.
- Highly proficient in the use of LaTeX and R Markdown for document preparation.

## LEADERSHIP AND VOLUNTEERING EXPERIENCE

**Graduate Student Representative, UNR**

**Sept 2025 - Present**

- Represent graduate students at Graduate Board meetings; advocate on academic and administrative matters.
- Channel student feedback to the board and communicate decisions and policy updates to the graduate community.

**Member, Clubs and Organization Committee, UNR**

**Sept 2025 -Present**

- Oversee recognition, constitutions, and governance of graduate clubs and organizations from formation to compliance and ongoing management.
- Support leadership transitions, funding processes, and training for clubs and organization officers.