Busiswa Khumalo

Graduate Research Assistant

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SKILLS

- Analytical and Statistical analysis skills (Data Analytics)
- Quantitative Analysis
- Research and analysis
- Programming skills (Fortran, R, and Python)
- Measurement (Psychometrics)

EXPERIENCE

GRADUATE RESEARCH ASSISTANT — University of Missouri

Columbia, MO, *August 2024 - Present*

- I am working on the CoSME grant where I primarily assist with a large simulation study about model complexity.
- Utilizing problem-solving techniques to address challenging issues related to research.

GRADUATE TEACHING ASSISTANT — University of Missouri

Columbia, MO, *August 2023 - May 2024*

- Designing and developing an online section for Quantitative Methods (Statistical Methods), and grading assignments.

SCIENCE EDUCATOR — Teaching Services Commission of Eswatini

Mbabane, Eswatini, *March 2020 - December 2021*

- Design and prepare physics and mathematics assessment and notes
- Data collection and organizing students' temperatures.

EDUCATION

DOCTOR OF PHILOSOPHY (PH.D.) IN STATISTICS, MEASUREMENT AND EVALUATION CANDIDATE
— University of Missouri

Columbia, MO, US, *Expected graduation Jul 2029*

MASTER OF ARTS (M.A.) IN STATISTICS, MEASUREMENT AND EVALUATION
— University of Missouri

Columbia, MO, US, *May 2024*

BACHELOR OF SCIENCE (B.S.) IN PHYSICS AND MATHEMATICS
— University of Eswatini

Matsapha, Eswatini, *Oct 2019*

ACTIVITIES

2018-2019: President of the University of Eswatini(Swaziland) Mathematics Society
2018-2019: Volunteer for the NextEinstein Forum.
2023: A volunteer for the STEM Cubs initiative by the University of Missouri System Academic Access & Leadership Development

AWARDS

- Fulbright Scholarship Grantee 2022-2024