JESSE ANNAN

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EDUCATION

Georgia State University (GSU)   **Atlanta, Georgia**
MS. Mathematics, Scientific Computing – GPA 3.42   Dec 2024
- Modules include Optimization, Data Mining, Fundamentals of Data Science, and Applied Matrix Algebra.

Kwame Nkrumah University of Science and Technology (KNUST)   **Kumasi, Ghana**
BS. Mathematics – GPA 3.72   Nov 2021
- Modules include Linear Algebra, Numerical Analysis, Statistics, Mathematical Programming and Calculus.
- Project: Application of Machine Learning in Predicting Hostel Prices: A Case Study of KNUST.

WORK EXPERIENCE

Georgia State University   **Atlanta, Georgia**
Graduate Research Assistant   Mar 2023 – Present
- I'm under training (mentor: Dr. Yi Ding) to recreate machine learning research papers and explore ways to improve upon their work.

Georgia State University   **Atlanta, Georgia**
Graduate Lab Assistant   Aug 2022 – Present
- Using Microsoft Excel, I clear up students' misunderstanding about statistical principles and make studying easier.
- Assist lab instructors in resolving students' difficulties with the learning platform, Online Interactive Learning.

Kwame Nkrumah University of Science and Technology   **Kumasi, Ghana**
Teaching Assistant   Nov 2021 – Aug 2022
- To help students better understand algorithms, I supplied Python and MATLAB implementations of the algorithms.
- Created learning resources for students using LaTeX, to assist them keep up with the instructor.
- Analyzed students' quizzes and programming assignments to help me meet their needs during tutorial sessions.

Presbyterian Senior High School – Osu   **Accra, Ghana**
Teaching Assistant Intern   June 2018 – Aug 2018
- Tutored sophomores in math and ICT, proctored, and designed rubrics for grading quizzes and exams.

TECHNICAL SKILLS

- Python 3
- Data Exploration
- Data Science
- Git & Git Hub
- Machine Learning
- Microsoft Excel
- Data Analysis
- LaTeX

CIRTIFICATES AND AWARDS

- [Coursera] Mathematics for Machine Learning.   Nov 2020

ORGANIZATIONS AND COMMUNITY INVOLVEMENT

- Georgia State's Student Data Corps   Jan 2023 – Present
- Mathematical Association of America (MAA)   Aug 2022 – Present
- Black in Mathematics Association (BMA)   Jan 2022 – Present