**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 Feb 2023 – Present

* I 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**

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| --- | --- | --- | --- |
| * Python 3 | * MATLAB | * Data Analysis | * Data Exploration |
| * Microsoft Excel | * LaTeX | * Microsoft Word | * Information Technology |

**CIRTIFICATES AND AWARDS**

* [Coursera] Mathematics for Machine Learning. Nov 2020
* Overall best performing student in Information and Communication Technology. Nov 2016

**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