

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 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 |

CIRTFICATES AND AWARDS

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

ORGANIZATIONS AND COMMUNITY INVOLVEMENT

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|---|---------------------------|
| • 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 |

