

JESSE ANNAN

jesann404@gmail.com | [linkedin.com/in/jesse-annan-8979b51a0](https://www.linkedin.com/in/jesse-annan-8979b51a0) | github.com/annan92419

EDUCATION

Georgia State University (GSU) **Atlanta, Georgia**

MS. Mathematics; Scientific Computing Concentration – GPA 3.87

Dec 2024

- Modules include Optimization, Data Mining, Data Science, Machine Learning, 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.

WORK EXPERIENCE

Georgia State University

Atlanta, Georgia

Graduate Research Assistant

Apr 2023 – Present

- Training to reproduce and enhance machine learning research papers under the guidance of [Dr. Yi Ding](#).

Georgia State University

Atlanta, Georgia

Graduate Lab Assistant

Aug 2022 – Present

- Used Microsoft Excel to simplify freshman coursework by illustrating statistical concepts.
- Assist lab instructors in resolving students' difficulties with the online learning platform.

Kwame Nkrumah University of Science and Technology

Kumasi, Ghana

Teaching Assistant

Nov 2021 – Aug 2022

- Assisted students' comprehension of algorithms by supplying Python and Matlab implementations.
- Developed instructional materials in LaTeX for students to use to stay up with the instructor.
- Examined students' quizzes and assignments to help me better serve their needs during tutorial sessions.

Presbyterian Senior High School – Osu

Accra, Ghana

Teaching Assistant Intern

Jun 2018 – Aug 2018

- Tutored sophomores in math and ICT, proctored, and designed rubrics for grading quizzes and exams.

SKILLS

- | | | | |
|------------|-------------------|--------------------|-------------------|
| • Python 3 | • Data Science | • Machine Learning | • Git & Git Hub |
| • EDA | • Microsoft Suite | • Teamwork | • Team Leadership |

PROJECTS

- | | |
|---|------------|
| • US Airline Sentiment Analysis | July 2023 |
| • Bike Sharing Demand Analysis | April 2023 |
| • Predicting Hostel Prices: A Case Study of KNUST | July 2021 |

ORGANIZATIONS

- | | |
|---|--------------------|
| • Mathematical Association of America (MAA) | Aug 2022 – Present |
| • Black in Mathematics Association (BMA) | Jan 2022 – Present |