



John Mensah

Curriculum Vitae

Summary

Meticulous data analysts bring expertise in testing, validating, and reformulating models. Employs statistical software to manipulate data and forecast outcomes. Proven history of designing and implementing data collection innovations. I am looking for an opportunity to demonstrate my skills in data analysis to solve real-world issues, ranging from climate change, to ecology, agriculture, and economics. I am committed to excellence, hardworking, persistent, and dedicated to any task that I am assigned. I can work in a team and independently with little or no supervision. I believe that the skills and networks I will acquire as part of this internship will enable me to contribute to addressing nutrition and/or agriculture-related issues

Education

- 2020–date **Ph.D. Biological Science**, *University of Nebraska*, Lincoln
- 2015–2019 **BSc Forest Resources Technology**, *Kwame Nkrumah University of Science and Technology*

Experience

Graduate Teaching Assistant

08/2022– **1st**, UNIVERSITY OF NEBRASKA-LINCOLN, Lincoln

Present Detailed achievements:

- Adhered to university requirements for student assignments, testing, and grading of work
- Developed guides and course materials to reinforce lecture information and help students learn
- I assisted students with analyzing laboratory results and plotting graphs to visualize their data

Graduate Research Assistant

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1/2

06/2022 - 2nd, UNIVERSITY OF NEBRASKA-LINCOLN, Lincoln

07/2022 Detailed achievements:

- Applied Bayesian change point analysis model to detect breakpoints in flowering patterns of a herbaceous plant and weather conditions (droughts, temperature, and rainfall) over a period of 32year.
- Gathered, reviewed, and summarized literature from scientific journals
- Gave public presentations of findings at the ESACSEE Annual conference in Montreal, Canada.

Awards

2022 Blair Paxton Udale Fund for Life Sciences

August 2020 National Science Foundation Scholarship Award

– July 2021

Computer skills

Adobe Illustrator, python

Microsoft Windows, Power BI, Tableau, Microsoft Windows

Research Presentation

10/15/2021 The role of variation in weather variables in shaping plant life histories: whole plant dormancy and flowering. Ecology, Evolution and Behavior Seminar, School of Biological Science, University of Nebraska – Lincoln

04/08/2022 Past events determine current performance: Prolong dormancy and weather conditions. BioGSA Symposium; poster presentation

08/13/2022 Evolution of prolonged dormancy is influenced by past weather events. A change is gonna come – ESACSEE conference, Montreal, Canada. Poster presentation; poster presentation

Languages

English Twi

Interests

- Volley Ball
- Table Tennis
- Movies

- Chess
- Climate change
- Data analysis