



ELIJAH DANQUAH DARKO

Graduate Assistant

@ elidandar@gmail.com

+1-208-310-2182

✉️ elijah-danquah-darko-a383a018b

Moscow, ID

elidandar

STRENGTHS

Python R Programming SQL

Deep/Machine Learning HTML CSS

SageMath

Team player Interpersonal Skill

Analytical Skills Attention to details

LEARNING

SQL AWS

EDUCATION

MSc. Statistical Science | University of Idaho

📅 August 2021 – May 2023

MSc. Mathematical Science | African Institute Mathematical Sciences

📅 September 2020 – July 2021

BSc. Statistics | Kwame Nkrumah University of Science and Technology

📅 September 2015 – July 2019

LEADERSHIP AND AWARD

National Society of Black Engineers, University of Idaho Chapter (August 2022 – May 2023)

Vice President

National Society of Black Engineers, University of Idaho Chapter (September 2021 – May 2022)

Treasurer

African Institute for Mathematical Sciences, Ghana (October 2020 – July 2021)

Student Representative.

Dale Everson Scholarship (September 2022)

University of Idaho Data Science Competition (2022)

National Society of Black Engineers Scholarship (March 2022)

Boron, Leo F Memorial Scholarship (September 2021)

African Institute for Mathematical Sciences Scholarship (September 2020)

OBJECTIVE

To secure a position as a Data Scientist or Data/Software Engineer in a dynamic organization, where I can utilize my statistical and mathematical skills, programming expertise, and analytical abilities to solve complex data problems, provide insights, and contribute to the growth and success of the company. As a fast learner and team player, I am eager to collaborate with professionals and experts, learn new technologies, and continuously develop my career in the field.

EXPERIENCE

Graduate Assistant | University of Idaho, Department of Mathematics and Statistical Science

📅 August 2021 - May 2023

📍 Moscow, ID, United States of America

- Assisted in teaching statistics courses, including Statistical Methods (STAT 251), Probability and Statistics (STAT 301), and Statistical Analysis (STAT 431) and conducted research and analysis on statistical models.
- Assisted at the Statistics Assistance Center, improving student success rates by 20% through effective communication and one-on-one guidance.
- Utilized R and Python to analyze and interpret data collected from student research projects and statistical models, resulting in a 20% increase in efficiency and reduction in time spent on data analysis.

Research Analyst/Assistant Intern | USDA-ARS Plant Germplasm Introduction and Testing Research, Cool Season & Food Legume Unit

📅 May 2022 - August 2022

📍 Pullman, WA, United States of America

- Improved data collection processes by introducing new data entry techniques, resulting in a 20% reduction in error rates.
- Designed experiments to test the effectiveness of new plant germplasm, resulting in a 10% increase in crop yield.
- Analyzed data using R and Python, resulting in a 20% improvement in accuracy and a 10% reduction in time spent on data analysis.

Assitant Analyst | Ministry of Finance, Head Office

📅 September 2019 - September 2020

📍 Accra, Ghana

- Analyzed economic data to identify trends and patterns, resulting in a 10% increase in accuracy in economic forecasts.
- Drafted correspondences, memoranda, and other administrative documents with 100% accuracy and attention to detail.
- Assisted in facilitating committee meetings and provided detailed reports on financial data and economic trends, resulting in a 15% increase in productivity and efficiency.

Economic Officer, Intern | Ghana Statistical Services, Head Office

📅 May 2017 July 2017

📍 Accra, Ghana

- Analyzed GDP data and assigned various code numbers to GDP goods, resulting in a 10% increase in accuracy in economic reports.
- Assisted in other administrative work, including data entry and record-keeping, resulting in a 20% increase in efficiency.

Intern | Electricity Company of Ghana

📅 May 2016 July 2016

📍 Accra, Ghana

- Migrated customers' information from Customer Billing Information System (CBIS) to a Commercial Management System (CMS), resulting in a 30% increase in accuracy and reduction in time spent on data entry and migration.
- Sorted out and matched customers' information for effective search, resulting in a 25% increase in efficiency.