AMPONSAH DESMOND

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Professional Summary

Dedicated and passionate data analyst and quality focused professional with a firm belief in the transformative power of data-driven insights. I am committed to empowering organizations and teams with the analytical knowledge, problem-solving skills, and ethical values necessary to thrive in a data-centric world. My goal is to cultivate a culture of excellence, continuous improvement, and collaboration through accurate data analysis, effective quality control practices, and strategic leadership.

Education

Kwame Nkrumah University of Science and Technology (KNUST)
Bachelor of Science in Statistics

Kumasi, Ashanti Region, Ghana
Jan 2021 – Sep 2024

- Relevant Coursework: Biostatistics, Machine Learning, Multivariate Analysis, Bayesian Analysis, Time Series, Linear Algebra, Calculus, Probability Statistics
- Research Interest: Multivariate Data Analysis, Biostatistics , Bayesian Analysis, Statistical Modelling

Ghana Secondary Technical School (GSTS)

Takoradi, Western Region, Ghana
Sep 2017 – Sep 2020

Ampeah Memorial School (AMS)

Nkawkaw, Eastern Region, Ghana
2014 – 2017

Research Experience (Selected)

Undergrad Thesis: Identifying high-risk groups for anemia among women of reproductive age in Ghana: A cluster analysis approach

Kumasi, Ghana
Jan 2024 – Aug 2024

- Employed cluster analysis to Identify high-risk groups for anemia among women of reproductive age in Ghana in R and STATA.

Work Experience

Librarian (National Service), Ghana Library Authority, Nkawkaw

Nkawkaw, Ghana
Oct 2024 – Oct 2025

- Managed library operations including cataloging, shelving, and lending of books and educational materials
- Analyzed library usage data to identify trends and improve decision-making.

Mathematics and Computing Teacher (Part Time), Fountain International School

Nkawkaw, Ghana
2021 – 2024

- Delivered lessons in mathematics and basic statistics, introducing students to data analysis and quantitative reasoning.
- Taught computing skills including Excel for data handling, analysis, and visualization.

Skills

Workplace: Leadership, Teamwork, Collaborative, Research and Development

Languages: R, LaTeX

Developer Tools: R Studio , Microsoft Office Suit ,Virtual Studio , STATA , SPSS, Power BI

Interests

- Photography
- Reading
- Sports

Leadership & Volunteering Experience

SRC Representative , Ghana Secondary Technical School   *Takoradi, Ghana*
Sep 2017 – Sep 2020

- ◦ Represent the views, concerns and suggestions of classmates to the SRC and school authorities.

School Prefect , Ampeah Memorial School   *Nkawkaw, Ghana*
2016 – 2017

- ◦ Serve as the chief student leader, representing the student body and acting as a liaison between students and school staff

References

Gabriel Asare Okyere, PhD
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