

JUSTICE SAMUEL NII AKWAH NUNOO

DATA ANALYST / WEB DEVELOPER

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Professional Summary

Results-driven Physics graduate with 4 years of experience in web development, machine learning and data analysis. Skilled in building automated solutions, developing predictive models, and creating web applications. Passionate about leveraging technology to drive innovation and solve real-world problems.

Skills & abilities

Programming: Python, JavaScript, HTML, CSS, SQL

Web Development: Front-end & Backend development (NextJS).

Data Science & Machine Learning: Data analysis, model training and deployment.

Tools & Technologies: Selenium, Microsoft Office, Data Visualization

Experience

Web Developer & Data Analyst (Freelance) | January 2021 – Present

- Developed an application using Python to automate data retrieval and processing, improving efficiency in data analysis.
- Designed and implemented machine learning models to solve real-world problems, including predictive analysis.
- Built and deployed web applications, integrating front-end and back-end technologies.

National Service Personnel | September 2020 – September 2021

Ghana Atomic Energy Commission – Accra, Ghana.

- Assisted in particle accelerator maintenance and conducted research activities.
 - Developed tools to streamline data collection and processing for research efficiency.
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Education

Kwame Nkrumah University of Science and Technology (KNUST)

BSc. Physics | October 2016 – August 2020

Ada Senior High School

WASSCE Certificate (Science) | November 2013 – May 2016

Projects

- **Home Price Prediction Model:** Developed a machine learning model to predict house prices with 81% accuracy.
- **Crop Disease Classification Web App:** Created a CNN-based web application to detect crop diseases, showcasing expertise in deep learning and web development.
- **E-commerce Website:** Designed and built a fully functional e-commerce platform using modern technologies.

References

Dr. Christian Nuviadenu

Manager, Accelerator Research Center, Ghana Atomic Energy Commission.

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