

PRINCE DOKU-KYEI

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[My GitHub \(PrinceKyei\)](#)

[My LinkedIn \(Prince Doku-Kyei\)](#)

Professional Summary

Engineering Physics graduate with hands-on experience in data visualization, troubleshooting systems, system optimization, software installation, and electronics maintenance. Skilled in diagnosing and resolving hardware and software issues, performing system upgrades, and ensuring smooth technical operations. Experienced in programming (MATLAB, C++, JavaScript) and embedded systems (Arduino, microcontrollers), with a proven track record of developing innovative solutions such as an automated smoke and flame detection system. Passionate about providing reliable IT support and delivering efficient technical solutions.

Key Skills

- IT Support and Troubleshooting: Hardware/software diagnostics, system optimization, upgrades
- Productivity Tools: Microsoft Office Suite (Word, Excel, PowerPoint)
- Data Cleaning and Validation – Ensuring accuracy by removing duplicates, handling missing values.
- Software Installation: Windows OS installation, configuration, and updates
- Networking and Systems: Basic system maintenance and technical support

- Programming and Tools: MATLAB, C++, HTML, CSS, JavaScript, Arduino
- Electronics: Circuit design, repair, and system testing
- Design Tools: Adobe Photoshop, Illustrator

Education

Bachelor of Science (B.Sc.) in Engineering Physics

University of Cape Coast, Ghana | Sept 2020 – Dec 2024

General Science

Kwahu Ridge Senior High and Technical School, Eastern Region | Sept 2017 – Aug 2020

Work Experience

Ghana Atomic Energy Commission, Accra, Ghana | Aug 2025

Mandatory National Service – Engineering Services Centre

- Provided IT support by diagnosing and resolving technical issues in electronic systems.
- Conducted system analysis and maintenance to improve performance and reduce downtime.
- Installed, upgraded, and optimized systems for enhanced functionality.
- Built and tested electrical circuits to support system operations.

Absa Bank – Wholesale Credit Risk, Accra | Sept 2023 – Dec 2023

Intern

- Assisted in IT and document management systems to streamline operations.
- Supported HR team in maintaining employee data and planning systems.
- Gained exposure to corporate IT infrastructure and organizational planning.

Airtel-Tigo Ghana, Accra | Aug 2017 – Sept 2017

Customer Representative

- Delivered customer support and resolved service-related queries.
- Assisted clients with product and service information to improve user experience.

Projects & Research

- Integrated Smoke, Flame Detection & Fire Suppression System – Designed and built an Arduino-based fire safety system integrating hardware and software for real-time detection and suppression.
- IT Support Projects – Installed Windows OS, optimized systems for faster performance, and performed upgrades to improve reliability.
- Student Voting Website – Developed a secure voting platform using HTML, CSS, and JavaScript.

Additional Experience

Graphic Design

- Created engaging graphics, logos, and promotional materials.
- Proficient in Adobe Photoshop and Illustrator.

Referees

Prof. Kwadwo Dompheh, Senior Lecturer | University of Cape Coast, Physics Dept | +233 27 280 2222

Mr. Bright Kofi Banini, Manager/Research Scientist | Ghana Atomic Energy Commission | +233 24 705 8926

Mr. Benjamin Mensah, Chief Technician | Ghana Atomic Energy Commission | +233 24 469 4053

Mr. Owusu, Chief Technician | Ghana Atomic Energy Commission | +233 20 884 4411