



Bright Kwame Arku

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Teshie-Nungua, Accra-Ghana

SKILLS

- Sizing of Hybrid Power System using an Optimization Technique.
- Proficient in Python, C, Java, and HTML.
- Proficient in Microsoft Office Suite.
- Proficient in MATLAB.
- Research and Analysis.
- Strong interpersonal skills.

REFERENCES

- Ing. Selorm Amoaku. Manager Standards and Specifications, ECG Project Office. +233 24 9236570. samoaku@ecggh.com
- Dr. Elvis Twumasi. Exams Officer and Lecturer, KNUST +233 24 8656932 etwumasi.coe@knust.edu.gh

PROFESSIONAL SUMMARY

A skilled, adaptable, deadline-driven electrical and electronic engineer eager to apply his academic foundation and relevant experience in a practical setting. Confident communicator, both oral and written, and with strong interpersonal skills. Thrives within a team or independently in fast-paced environments with little supervision.

WORK HISTORY

November 2022 – September 2023

Research and Development Engineer (National Service Personnel), Electricity Company of Ghana, Project Office, Accra – Ghana

- Reviewed Technical Submittals for Equipment to be procured for installation purposes.
- Researched distribution system-related problems.
- Inspected and critiqued fieldwork to suit ECG's specifications.
- Built and updated ECG's standards and specifications for all equipment.
- Attended Factory Acceptance Tests to inspect and critique manufactured equipment to meet ECG's network.
- Conducted engineering and detailed experiment tests to collect design data and assist in research work.
- Analyzed and calibrated equipment, established conditions, and prepared reports.

October 2021 – January 2022

Electrical Engineer Intern, Japan Motors Company and Trading Limited, North Kaneshie, Accra – Ghana

- Tested wiring and other system parts for electrical flow and function.
- Tested, troubleshot, and calibrated equipment in the shop and field.
- Analyzed electrical deficiencies to resolve them.
- Estimated budgets and time scopes for each project.
- Inspected equipment for defects and safety hazards and completed necessary repairs.

October 2017 – September 2018

Sales, Marketing and Technical Personnel, Telefonika Company Limited, Nungua-Barrier, Accra – Ghana

- Organized racks and shelves to maintain store visual appeal, engage customers, and promote specific merchandise.
- Helped customers locate products and checked store systems for merchandise at other sites.
- Rotated stock and restocked shelves to maintain product availability and store appearance.
- Performed technical repairs and updates for electronic gadgets.
- Prepared merchandise for the sales floor by pricing or tagging.
- Answered customer questions about sizing, accessories, and merchandise care.
- Engaged customers to build rapport and loyalty.
- Solved customer challenges by offering relevant products and services.

EDUCATION

August 2018 – November 2022

Bachelor Of Science, Electrical and Electronic Engineering.
Kwame Nkrumah University of Science and Technology, Kumasi.

October 2014 – April 2017

General Science

Akwamuman Senior High School, Akosombo.

INTERESTS AND HOBBIES

- Volunteering.
- Mentoring.
- Reading science and technology-based journals and articles.
- Fantasizing and researching about the universe.
- Solving math and physics-related problems.