

Abdul Ghaffaru Ofosu

nawaratumoham@gmail.com — +233 596381268

Education

Ashaiman Senior High School, Ashaiman, Ghana

Graduation Year: 2022

Relevant Coursework: AP Physics, AP Chemistry, Advanced Calculus, Differential Calculus

Extracurricular Activities

Volunteer Research Assistant, Analytical Chemistry Lab, University of Ghana

2022

- Assisted in soil sample collection, acid digestion, and Atomic Absorption Spectroscopy (AAS) analysis methods.
- Educated the media on the environmental effects of potentially toxic elements (PTEs).
- Recognized by the Food and Agriculture Organization (FAO-GH) for contributions.

Assistant Technician, Malik's Repair and Electrical/Electronic Shop

2021-2022

- Assisted in electrical repairs, including fixing sound systems, decoders, and various electronic gadgets.
- Constructed a home-made amplifier and built a temperature-controlled circuit using Arduino and LM35 temperature sensor.
- Gained practical skills in troubleshooting and coding with Arduino IDE to digitalize circuits.

Captain, Blue Whales Junior Football Academy

2019-2021

- Led the team to win two 'U15' Zonal Trophies.
- Demonstrated strong leadership, problem-solving, and team-building skills.

Instructor/Tutor, The Ansah Family

2020-2021

- Coached my sister to memorize over 2,500 words for the EduPro National Spelling Bee, leading to her advancement to the semifinals.
- Provided tutoring in mathematics and science, improving her academic performance.

Volunteer Experience

Teaching Assistant, Ayensu Primary School, Volta Region

2021-2022

- Organized over 100 extracurricular activities, fostering creativity and teamwork for 35+ students.
- Awarded as the school's "Best Young Teaching Assistant" for leadership and securing GHC 10,000 in donations from NGOs.

Work Experience

Assistant Repairer, Malik's Repair and Electrical/Electronic Shop

2021-2024

- Gained one year of experience working in electronics, specializing in troubleshooting power and motherboards, repairing CRT and LCD TVs, installing electrical fans, and building pre-amps for sound systems.

Skills

- Electrical and electronic repairs
- Arduino programming and coding
- Bicycle Maintenance
- Basic Arduino programming and coding
- Wiring Layouts
- Electrical Installations
- Decoder Software/Firmware
- Fault tracing and Lighting installation

Awards and Honors

National Science and Maths Quiz – 2x Semi-finalist, Regional Qualifiers

2021-2024

Recognized by FAO-GH for contributions in environmental research

National Electronics Excellence Award, GESTA, National, Post-Graduate (awarded for my temperature-controlled circuit project developed during my apprenticeship under a GESTA member)