Mawuli Dogbatse

Phone: +233 549296146 E-mail: [mawuliadogbatse67@gmail.com](mailto:mawuliadogbatse67@gmail.com) Nationality: Ghanaian

### Research Interests

* Cybersecurity and Network Defense
* Wireless Communications & Networking
* Signal and Information processing techniques
* Microwave and fiber-optic design and management

### Education & Qualifications

* **BSc (Hons) Telecommunications Engineering, KNUST, Kumasi Expected graduation:** September 2024

Kwame Nkrumah University of Science and Technology (K.N.U.S.T), Ghana

CWA: 73.09

* **West African Secondary School Certificate Examination,** General Science 2011 - 2014

Kpedze Senior High School, Ghana

* **Relevant courses**

Digital Signal Processing, Signals and Systems, Data Communication Networks, Computer Networking, Digital Communication Systems, Linear Electronic Circuits, Antenna and Propagation, Microprocessor, Statistics and Probability, Numerical Analysis, Optical Communication, Analog Communication. Ethical Hacking, and fundamentals of Linux.

### Research projects

* **CENG Project** *“Integration of electronic health record into our health system* **2021**
* **Seesa**- *“IoT- Based Smart Farming system –* **2021.**
* **Telesa Entrepreneurship** *Automated Printing* ***2022****.*
* **Project** *“Digitalization of the Indigenous Market – 2022*

### Work Experience

**Victory International School** 2015

Achievements

* Teaching of members tactics and advanced math and science problem-solving methods
* Supervised and interviewed new members.
* Lead the club in quizzes.

### Leadership Experience

**Public relation Officer (Telesa), KNUST**

April 2014 – April 2015

Achievements

* Created an app for dissemination for information with support from the computer committee.
* Collated and read announcements during service
* Ensured effective organization of church services

**Compound Overseer**

Kpedze Senior High School **– 2013/2014**

Achievements

* Represented the class at any official meeting.
* Served as a liaison officer between the class and the department.

### Skills & Abilities

**Problem-solving** – Excellent in the ability to identify challenges, analyze and propose a systematic procedure

in solving the challenge.

**Computer skills**  – Proficient knowledge and experience of Matlab, Hfss for antenna design, Advance Design System (ADS)

**Teamwork** – Successfully undertook various team projects in both academic and non-academic

environments.

– Possess strong analytical and problem-solving skills

–Detail-oriented, highly trustworthy, and ethical

**Willingness to learn** – Keen on developing my understanding to be an all-around person as well as acquiring.

new skills

**Volunteering** – Assist in the network administration and installation of servers at Cyberlab.

**Good interpersonal skills** – Demonstrated good leadership skills which enabled me to serve as a Public Relation Officer (PRO) Telesa KNUST

–Excellent teamwork, leadership, and negotiation qualities

**Languages Spoken** – Fluent in English, French and Ewe

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### References

James Dzisi Gadze (PhD)

Lecturer

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Lecturer

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