ATOYAH GIDEON
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PROFILE

I am a motivated student currently working towards a degree in Biomedical Engineering, and I am very interested in starting a career in the hospital or biomedical industry. Through my studies, I have gained useful skills in programming, basic maintenance of hospital equipment during internships, and some experience in financial and project management. I am known for being a good communicator and a team player, and I enjoy working with others to get things done. I do well in fast-paced, goal-oriented environments, and I am excited to apply what I have learned to help a biomedical team grow and succeed.

EDUCATION

BSc. Biomedical Engineering   **Expected September 2025**
Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana

W.A.S.S.C.E (General Science)   **September 2018 – September 2021**
St Hubert Sem. Senior High School, Kumasi, Ghana

WORK EXPERIENCE

Intern, Komfo Anokye Teaching Hospital
September 2022 – December 2022 and September 2023-December 2023
- Assisted in the troubleshooting of hospital devices such as BP apparatus, suction machine, glucometer.
- Supported in routine checkups and operating of simple hospital devices.
- Mastered the fixing of power issues in AC powered devices.

PROJECTS/RESEARCH EXPERIENCE

Investigating the effect of vehicular vibration on pregnant women.
- The study investigated the effect of vibrations from vehicles on pregnant mothers by modelling it in matlab and subjecting it to vibrations.

Development of a prototype for a drug delivery system
- In this project, a simple prototype of a drug delivery system was developed used a cardboard and it was incorporated with tier and an alarm.

In-cast pressure monitoring system
- A pressure monitoring system was developed to measure and visualise pressure under cast and help orthopeadics make objective decisions.

PROFESSIONALTRAINING/CERTIFICATION

Introduction to AI	March, 2024- April, 2024	ALx
Python programming	November, 2024-May, 2025	Udemy
Frontend development	May, 2024-September, 2024	CodTech IT Solutions
AI and ML	August, 2024	Dr Isaac Acquah
Dialysis training	February, 2024	Dr Isaac Acquah

SKILLS AND ABILITIES

- Proficient in the use of computer software's like MS Suites, Proteus, EasyEDA, Origin, Solidworks
- Intermidiate – Frontend development, Python, Schematic and circuit simualtions, 3D modelling
- Strong technical and problem-solving skills