AUGUSTUS GAISIE

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EDUCATION

Ashesi University   **Berekuso, Eastern Region**
BSc. Management Information Systems   **Expected Date of Graduation: June 2027**
Ghana Christian International High School   **Afienya , Dodowa, Greater Accra Region**
Science course   **Expected Date of Graduation: October 2024**

ACHIEVEMENTS/AWARDS

High School Diploma   **October 2023**

WORK EXPERIENCE

Christ the King Church – Cantonments, Accra   Junior High School
 Community Outreach Volunteer
- Collected and distributed 150+ donated items through church outreach.
- Supported 40+ families in need; developed organizational and community engagement skills.

Ashesi University – Berekuso, Eastern Region
 Sales Marketing Director
- **Generated about a 1000 - 2000cedis in funds to support the production of our solution in Foundational Design and Entrepreneurship**

Ashesi University – Berekuso, Eastern Region
 Program developer
- **Coded my GUI for my Discrete Structures and Theory project and Object Oriented Programming project**

PROJECT AND RESEARCH

 Introduction to Engineering - Rocket Engineering   **25th March 2024 – 18th April 2024**
Yoofi, Joy, Efua, and Mel – Team members
- **Aided in the design of a 3D CAD diagram of our team's rocket and the physical drawings of the rocket.**
- **We used certain programming languages for the motherboard and the functioning of the rocket. We used a 3d printer and CAD to produce the physical components of the rocket**
- **The combustion mixture meant to be given to us to fuel the rocket was not combusting and oxidising properly, so we only tested the parachute component of our rocket**

 Foundational Design and Entrepreneurship I   **February 2024 – April 2024**
 Nigel, Matthew, Perpetual, Eyram, and Joanne – Team members
- **Solely designed the 3D model of our Biogas machine that converts rubbish and waste into biogas**
- **Brainstormed with the team to generate feasible ideas to solve problems**
- **The lecturers believed it was not feasible for people to do so and dissolved**

 Foundational Design and Entrepreneurship II   **June 2024 – August 2024**
 Bryan, Faith, Malemba, Hagen, James, Tello, Fannareme– Team members
- **Involved in the creation of our pro rest back strap(A device placed on a seat rest to serve our back)**
- **Was Marketing sales director for the team/ mini organisation, so gathered funds to invest in the production of our product**
- **Test users widely approved it, sample users, etc**

Discrete Structures and Theory   October 2024- November **2024**
Derrick – the only Team Member out of a possible 4 members
- Provided about 70-80% of the code /program for our project, which involved the creation of a propositional logic calculator

Object-Oriented Programming   **November 2024 – December 2024**
 Osarume and Omuwa – Team members
- **Provided the majority of the coding(Java) for our reservation /booking system and did the whole GUI for our system**

Introduction to AI   **April 2024 – May 2024**
Nana, Bradley, Kofi – Team members
- **Developed an AI model that predicts the likelihood of a heart disease with the full contribution of my teammates, worked on the report, and statistical analysis**
- **We got a data sample with over 10000 patients with binary results for heart diseases and split the data into training, validation, and test sets to train the model using different learning models**
- **We had an accuracy of 81% for our model, which isn't too bad and also shows that we did not overtrain and overfit the model**

CO-CURRICULAR ACTIVITIES
Ashesi University College, Ashesi Premier League   **November 2024– August 2027**
- **Football player**
- **Table Tennis player**
- **Swimming**

SKILLS
- Programming Languages (Proficient in Java, C, Python, SQL)

REFERENCES
Available upon request