

BRIGHT'S BIO AND ACTIVITIES

BIO:

I lived in a town full of slums and landfills where good personal hygiene and high crop productivity was very difficult to achieve. When I turned sixteen, the most tragic plaque that would happen to anyone in such an environment happened to me. In just one month, I lost my cousin who suffered from liver cancer for three years. I also lost my auntie who suffered from diabetes for one year-eight months and most of it all, my uncle had the lowest crop productivity affecting his finances so badly that couldn't even afford his children's education. I sat down as a critical core thinker to search analytically as to why and how these unfortunate circumstances happened. This deep research led me to the realms of biochemistry where it all started. My goal is to understand the chemical basics for all diseases as well as it's solution as possible and also to study all of life, and the physical and chemical principles that makes it possible. I also seek to generate the possible solutions towards the improvements in agriculture (high crop productivity) as a whole.

Activities

Career Oriented

10, 11, 12

12 hr/wk, 20 wk/yr

Participant, GUNSA Innovation Experience

Worked on CovidScan, a device that scans people and predicts to the nearest accuracy their Covid-19 status by using varying changes body temperature.

Career Oriented

10, 11, 12

6 hr/wk, 24 wk/yr

Internship, Okomfo Anokye Teaching Hospital

Used the Alpha-Fetoprotein as a marker to test whether the patients had liver dysfunction or liver cancer.

Research

10, 11, 12

12 hr/wk, 20 wk/yr

Research Assistant, Millson Help Aid

Had research on the major cause of liver-Cancer outbreak /causes of electric fire outbreaks and how to curb surging cases in my community

Community Service (Volunteer)

10, 11, 12

6 hr/wk, 18 wk/yr

Youth Social Advocate, Endom Healthline Community

Advocated a health talk section on Healthy Blood Donation.
Initiated a crowdfunding campaign to make a donation of \$2428.00 to the community hospital

Community Service (Volunteer)

10, 11, 12

6 hr/wk, 38 wk/yr

Outreach Coordinator, Agro-Build Foundation

Worked in designing the drip irrigation system model with recycled bottles for local farmers, organised workshops on food security and sustainability.

Community Service (Volunteer)

10, 11, 12

8 hr/wk, 32 wk/yr

Project fellow, Grow-Ferti Foundation

Prepared nitrogen-fixed fertilizers for the community farmers. This exercise increased their crop-yield by 87.62%.

Debate/Speech

10, 11, 12

6 hr/wk, 16 wk/yr

**President/Debater, Writers and Debaters Society,
Opoku Ware School**

Organized an argumentative and oratory skill section for all interested students. I personally trained 12 peers to become powerful debaters.

Athletics: Club

10, 11, 12

8 hr/wk, 16 wk/yr

Soccer, Coach/Captain, Opoku Ware School Soccer Team.

I led the team to win its seventh trophy. Purchased new sports kit for the team from funds generated from winning the tournament.

Robotics

10, 11, 12

9 hr/wk, 26 wk/yr

Developer/Researcher, Robo-Tech, Opoku Ware School

Built a windmill with students to demonstrate electromagnetic energy production. Built a prototype of electric bin with sensors for litter reduction.

Other Club/Activity

10, 11, 12

12 hr/wk, 22 wk/yr

Founder/President, All-Inclusive Club, Home 4 All

Trained student for aptitude tests, Organized weekly health

section for students. taught students sign language - the first of its kind.