

NALUWOOZA ZION

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OBJECTIVE To bridge the gap between Engineering and Design by not only creating functional devices but also intuitive user experiences. I aspire to become a Medical Device Designer, contributing to both the physical and digital aspects of medical device innovation.

PROFILE I am a Biomedical Engineer with ongoing training in Product Design through the Women Techsters Fellowship, and coding proficiency (HTML, CSS, Bootstrap and JavaScript) through the 10X Digital skilling program by the Women in Technology Uganda (WITU). I am proficient in the Design thinking framework, Figma, Notion and GitHub. I bring the ability to bridge the gap user centred design and functional Biomedical Engineering solutions.

EDUCATION Mbarara University of Science and Technology
Bachelors in Biomedical Engineering – May 2023
Class of Award-Second Class Honors (Upper Division)

EXPERIENCE

TRAINEE, ENTEBBE REGIONAL REFERRAL HOSPITAL

March 2024-Jan 2025

Responsible for Installing, configuring and testing various medical equipment ensuring proper functionality; User training of medical practitioners; Inventory management; and managing the oxygen plant

Accomplishments

- Participated in quarterly Regional Maintenance workshops focused on laboratory equipment by the Ministry of Health
- Trained interns from Makerere University, Kyambogo University and fellows from Engineering World Health on troubleshooting, maintenance and repair of biomedical equipment
- Received introductory HVAC training from CPHL on refrigeration and air conditioning systems

TRAINEE, UVRI/MRC AND LSHTM

Biobank

Aug 2023-Feb 2024

Responsible for cataloguing, labelling and tracking of biological study samples in compliance with established protocols and standards.

Accomplishments

- Proficiency in the Microsoft suite including Excel worksheets
- Proficiency in Laboratory Information and Management systems such as Freezerworks, iPassport
- IATA certification

SKILLS & ABILITIES

Multidisciplinary collaboration
Clear and effective communication
Empathy
Adaptability
Critical thinking and creative problem solving

REFERENCES

Mark Kelvin Bukenya
Laboratory Technologist, UVRI/MRC & LSHTM

Eng Nangendo Betty
Civil Engineer, Entebbe Regional Referral Hospital

Eng Obeti Francis
Biomedical Engineer, Entebbe Regional Referral Hospital