

Tresor Ndala Buzangu

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EDUCATION

Ashesi University College
BSc. Computer Science

Berekuso, Eastern Region
Expected Date of Graduation: June 2026

ABCD Muenze a velella
Biology-Chemistry
State Diploma of Dr. Congo

Mbanza Ngungu, Dr. Congo

Sept 2012 – August 2018

ACHIEVEMENTS/AWARDS

Yali East Africa Kenya Center, YALI regional chapters in person in Kenya

June 2023 – July 2023

The Mastercard Foundation scholar program, Ashesi University

Sep 2022-June 2026

Yale Young African Scholars Program

July 2017-august 2017

WORK EXPERIENCE

Tshijuka initiative (healing customers first pharmacy and education, second hope organization) – Nakivale

Founder and executive director

June 2019-present

- Launched a data-driven pharmacy model tracking patient purchases, providing medical support for financial hardships.
- Led data-driven programs enabling access to education for over 50 refugees, using AI models to predict education needs and outcomes.

Musizi University – Kampala, Uganda and -Berekuso, Ghana

Jan 2023–present

Research and Data Analysis position

- Conducted an in-depth study on the factors limiting access to quality education for refugees in Uganda, providing insights and recommendations for policy improvements.
- Enhanced the university's data-driven website using SQL, resulting in a 20% increase in web traffic.

Ciyota organization – Kyangwali refugee camp, Uganda

Jun 2023– Sep 2023

University access Assistant intern

- Streamlined student data management using SQL for accurate scholarship applications and developed a future gym management system for CIYOTA.
- Provided IT training on digital agribusiness tools, enabling value-added techniques like online marketing and e-commerce to expand market reach.

PROJECTS AND RESEARCH

AI refugee retrieval document

Nov 2023 – Aug 2024

Individual project

- Developed an AI-powered document retrieval system to assist refugees in recovering lost academic documents, improving access to education for displaced individuals.

CO-CURRICULAR ACTIVITIES

Baobab ambassador, Mastercard Foundation scholar's platform
member manager

June 2024-present

- Coordinated a weekly new baobab elected members to plan our semester activities on campus.

Agribusiness Club, Ashesi University registered club

August 2023 – August 2024

General Secretary

- As General Secretary of Ashesi Agribusiness Club, I secured funding through grant writing, managed event invitations, and enhanced agricultural planning and software systems to optimize club operations.

SKILLS

- Fluent in French, English, Lingala, Tshiluba, Swahili and Kikongo.
- Programming Languages (Proficient in SQL, data analysis, project management, python, machine learning, web technology, writing skills, leadership, Java, C++, SQL, HTML, CSS, PHP, and JavaScript)