

AYEBILLA AVOKA

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EDUCATION

The University of Edinburgh

MSc. Data Science, Technology, and Innovation(online)

Scotland, United Kingdom

Expected Date of Graduation: Nov 2023

Ashesi University

BSc. Computer Engineering

Berekuso, Eastern Region

Date of Graduation: May 2020

Admin Telecom Academy

Certificate in Fiber Optics Technician Training

Adjiringanor, Greater Accra Region

Jun 2019 –Aug 2019

Enable IT, Greater Accra Region

Cisco Certified Network Associate (CCNA) Training

May 2019 - June 2019

ACHIEVEMENTS/ AWARDS

Google IT Support Professional Certificate—Coursera

Mar 2021

United Nations and Millennium Campus Network Fellow

Aug 2018—Dec 2018

The MasterCard Foundation Scholar Program Scholarship—Ashesi University

2016—2020

WORK EXPERIENCE

Project Officer— Ashesi University

April 2022—July 2023

- Assist faculty to develop e-learning content for two undergraduate courses.
- Assist with project management duties at the course level.

Ashesi Success Tutor— Ashesi University

February 2022—May 2022

- Co-taught a first-year ungraded course to 16 students

Research Assistant— Ashesi University

Aug 2021—Mar 2022

- Assist faculty with research design, planning and execution.
- Assist faculty with literature review, collect and analyze data, and write research proposals.

Regional Trainer & Field Supervisor – Ghana Statistical Service

June 2021—Jul 2021

- Led the training of 32 field officers on the interpretation and use of the 2021 Census instruments.
- Led meetings with stakeholders, public education, and community entry activities in my supervisory area.
- Supervised data collection and error correction of 6 field officers in five enumeration areas.

Faculty Intern – Ashesi University

Sept 2020—Aug 2021

- Assisted faculty with grading of students' assignments and lab work.
- Led discussion and lab session to help students gain a better understanding of class material.
- Assisted faculty with managing the Learning Management Platforms.

PROJECTS AND RESEARCH

Personal Projects

Oct 2020—Present

- Used Gephi to model, analyze and identify influencers of the #ENDSARS protesters in Nigeria using their tweets.
- Mined Twitter data with Python and identified top African influencers, and Twitter communities based on their topics of interests.
- Performed handwritten digit classification using Neural Networks in Python.
- Authored a master's level dissertation exploring Ghanaians' perceptions and awareness of cryptocurrency and non-fungible tokens.

Design Lab Summer Mobile Project — Ashesi University

May 2018—July 2018

Customer Loyalty Market Research Intern

- Conducted research on how small businesses in Ghana reward loyal customers and the feasibility of having a joint customer loyalty program for companies.
- Utilized a design thinking approach with a team of six to extrapolate useful insights from the research data. This helped us conclude that a joint loyalty program was not feasible.

CO-CURRICULAR ACTIVITIES

Mastercard scholars representative

Oct 2022—July 2023

- Attended Scholars Council meetings to discuss welfare of scholars on behalf of online scholars at the University of Edinburgh.
- Organized events and supported programs for online scholars.

SKILLS

- Python, Java, Computer troubleshooting