

BRIAN TEMU

Edgewood, MD | +1 (443) 866 1269 | iq58974@umbc.edu | iam-brian.dev

OBJECTIVE

Data Science Master's student with a strong foundation in machine learning, data manipulation, and statistical analysis, with a software development background seeking internship opportunities to apply theoretical knowledge to the real world. Excited to contribute to data-driven insights and solutions while gaining practical experience in a professional setting.

EDUCATION

University of Maryland, Baltimore County, Baltimore, MD

Master's of Professional Studies in Data Science

Expected: May 2025

University of Dar es salaam, Dar-es salaam, Tanzania

Bachelor of Science in Computer Science, GPA: 3.3/5

October 2022

CERTIFICATION

DeepLearning.AI TensorFlow Developer Professional Certificate, *Coursera*

March 2023

SKILL

Programming:	Python, Javascript, and SQL.
Machine Learning:	Scikit-learn and TensorFlow.
Frameworks and Libraries:	Pandas, Numpy, Seaborn, Matplotlib, and Tableau.
Data Preprocessing:	Feature engineering, Data cleaning.
Operating Systems:	Windows, MacOS, and Linux.
Tools:	Visual Code, Jupyter Notebook, Anaconda, Docker, and Git.
Design:	Figma and Adobe Illustrator.
Language:	English (Fluent), Kiswahili (Native), and Arabic (Beginner).
Work Skills:	Adaptive, problem-solving, critical thinking, team player, and detail-driven.

PROFESSIONAL EXPERIENCE

Softnet Technologies Ltd, Dar es Salaam, Tanzania

April 2022 - August 2023

Software Engineer

- Utilized Scrum methodology, contributing to successful on-time project deliveries and sprint goals.
- Designed and implemented new features and enhancements that improved user experience.
- Collaborated with the product owner to identify and resolve design issues.
- Introduced new tools and concepts that accelerate the development such as TailwindCSS and Figma.

Tanzania Data Lab (dLab), Dar es Salaam, Tanzania

July 2021 - September 2021

Apprenticeship Software Developer

- Collecting, cleaning, and transforming image data for training.
- Collaborated with cross-functional teams including software developers and domain experts.
- Researching different model configurations appropriate for the systems.
- Implemented techniques such as transfer learning to leverage pre-trained models for improved results.

RELEVANT PROJECTS

- Project Name: Facemask Detection System. *Final Year University Project* July 2022
- Monitored the model's performance by adjusting it to maintain accuracy in different settings.
- Gathered a diverse dataset of images containing people with and without masks that standardized the model.
- Researched and selected an appropriate deep-learning architecture by examining CNN, RCNN, and YOLO.
- Configure Streamlit to create a user interface for presentation and testing by showcasing the overall work of the project

ORGANIZATIONS

Tanzania Data Lab (dLab), *Member*

January 2022 - July 2022

University of Dar es Salaam Innovation Hub, *Member*

July 2020- September 2021