

TWINOMUGISHA MORRIS

Statistician / Data Scientist / ML Researcher

Makerere University, Kampala

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SUMMARY

I am a 22 year old final year student pursuing a degree in BS. Statistics at Makerere University. I finished my final year exams and am currently awaiting my graduation that is to schedule next year in February.

I possess a verified badge from world-Quant university Data science lab. For the past one year, I have been practicing as a statistical programmer and training as a junior data scientist.

Currently, am working with an associate professor from the University of cork in Ireland as a research assistant on deep learning NLP tasks an opportunity I am taking on for my personal internship and career enhancement.

EDUCATION

Makerere University, Kampala

Bachelors Degree in Statistics

(Statistical Computing Major)

Kampala, Uganda

Sept. 2019 - present

Current GPA 4.10

St Marys College Rushoroza, Kabale

Uganda Advanced Certificate of Education

Physics Economics Mathematics / ICT

Kabale, Uganda

Jan. 2017 - Nov. 2018

Points 15

St Francis College Kyanamira, Kabale

Uganda Certificate of Education

Kabale, Uganda

Feb. 2013 - Oct. 2016

Grade 1

Kabale Primary School

Primary Leaving Examination

Kabale, Uganda

Feb. 2006 - Oct. 2012

Grade 1

TECHNICAL SKILLS

STATISTICAL SKILLS : *Data collection, Sampling and data distributions, Data Analytics, Data visualization, Statistical modelling, Economical analysis,*

COMPUTER SCIENCE SKILLS: *Machine Learning(Regression, Decision trees, Random Forest, XGboost, SVM, KNN, Clustering) , Deep learning (Transformers, CNN) , Computer vision (Classification, Segmentation, etc.),*

PROGRAMMING PROFICIENCY

LANGUAGES : *Python, SQL, Html, R*

MODELING AND ANALYSIS SOFTWARE : *Stata, SPSS, Excel*

LIBRARIES : *Py-torch, fast-ai, hugging face Transformers, scikit-learn, pandas, numpy, Scipy*

OTHER TRAINING

COURSES: Applied Machine Learning by World Quant University | **DS lab**

Practical Deep learning for coders (part 1) | **fast.ai**

Deep-learning specialization by Stanford university | Coursera (**still on-going**)

PERSONAL RESEARCH THESIS

- *Assessment of the factors affecting poultry farming in Uganda.*

This research was intended to aid the government in identifying factors that limit youths to participate in poultry farming since previous research had proved it to be a profit venture entity.

- *Unsupervised machine learning for early fault detection.*

A case study of air quality sensor devices was used and a machine learning model was built to enable identify devices that are nearing faulty at an early stage from sensor data.

WORKING EXPERIENCE

DATA ANALYST INTERN AT Solab Associates, Kabale.

2021-06 to 2021-07

[1] proposed the implementation of a management system at the workplace instead of the old system of pen and paper which was adopted for recording daily operations of the business. This system generated data which we used to analyze and turn it into meaningful information using statistical methods.

[2] Generated business reports.

[3] Tested data prediction algorithms based on historical data.

SERVICE

Positions

[1] Makerere University Academic Board student Representative, COBAMS , *2021 - 2022*

[2] 87th Guild Representative Councilor, Makerere University, *2021 - 2022*

[3] Entertainment Prefect, St Mary's College Rushoroza, *2017 - 2018.*