

EMMANUEL AGBELI

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<https://agbeli.github.io/> 🌐 Agbeli

EXPERIENCE

Yemaachi Biotech Company

Data Scientist

📅 Mar 2021 – Present

📍 Accra, Ghana

Dataware Tech Ghana Limited

Machine Learning Engineer(Part-time)

📅 Oct 2020 – Feb 2021

📍 Accra, Ghana

International Crop Research Institute for the Semi-Arid Tropics (ICRISAT)

Data Scientist and Research Apprentice

📅 Jul 2019 – Sept 2019

📍 Dakar, AgCelerant-Manobi Africa (Senegal)

Saham Insurance-Kigali

Data Scientist - Intern

📅 July 2018 – Dec 2018

📍 Kigali, Rwanda

Teaching and Research Assistant with University of Energy and Natural Resources

Mathematics Department

📅 Sep 2016 – Aug 2017

📍 Sunyani, Ghana

PROJECTS

- **Speech Recognition system-2020**
Built a speech recognition system for low-resource language(Twi-English). This was done on automatic speech recognition system for a Ghanaian local dialect. Reference to the source [code] . This was in-class project for our speech recognition course.
- **NLP Project-2020**
Tweet Sentiment Extraction: The goal of this project was to build a system that extract support phrase for given sentiment label; positive, negative and neutral using state of the art transformer models.
- **Computer Vision Project-2020**
Wheat Disease Detection system: Built a computer vision systems that could recognize the type of disease on Wheat crops by leveraging on transfer representation of existing models. [Code].
- **Advanced Regression prediction-2019**
The objective of the project was to predict the wine prices given the various kind of features. Implemented deep learning model for the embedding of the text and for the continuous features. Here is the source [code]

ACHIEVEMENTS / AWARDS

- 2019 Google and Facebook –AMMI Scholarship,Rwanda
- 2019 Mathematical Science for Climate Change Scholarship
- 2018 DAAD Grants for AIMS-TUC Workshop
- 2017 Next Einstein Initiative Scholarship AIMS-Masters
- 2016 KNUST awards for undergraduate student attaining 1st class honors

EDUCATION

Msc.Machine Intelligence

African Institute for Mathematical Sciences

📅 Oct2019–July2020 📍 Kigali, Rwanda

Msc.Mathematical Science

African Institute for Mathematical Science

📅 Sep 2017 –Feb2019 📍 Mbour, Senegal

Bsc.(Honors) Statistics

Kwame Nkrumah University of Science and Technology

📅 Sept2012–Jun2016 📍 Kumasi, Ghana

Coursera online Certifications

Certified by Coursera

📅 Dec,2018 – No Expiration

PROGRAMMING SKILLS

Python, NLTK, SciPy, OpenCV

SQL,Spark, AWS, GCP

C++,MatLab,R

Pytorch, tensorflow

VCS: Github



TECHNICAL SKILLS

Computer vision Deep Learning NLP

Statistical analysis and Programming

Probabilistic modeling Reinforcement learning

SOFTSKILLS

Analytical Thinking

Leadership and Team Work

Adaptability

Integrity

LANGUAGES

English

French, Learning



REFERENCES

- Available upon request.