JB **JOHN BAGILIKO**

📍 Accra, Ghana

📞 +233208740869

✉ john.bagiliko@aims-senegal.org

in john-bagiliko-b97b0b155

WORK EXPERIENCE

March 2019 – present

Data Scientist and Web Developer
Web Development and Data Science | Volkeno, Dakar, Senegal
- Research on the markets of Ghana, Nigeria and Uganda.
- Working with team on the design and implementation of a web application that uses Machine Learning Techniques to efficiently aid our market research.
- Integrate Machine Learning, Deep Learning and AI algorithms in Django web API's.

May 2018 – November 2018

Data Science and Web Development Intern
Data Science and Web Development | Volkeno, Dakar, Senegal
- Developed a web application that uses Machine Learning in collecting and visualizing data of the market of Senegal.
- Built a Document Classification web application with Python and Django using Machine Learning, Deep Learning and AI techniques.
- Built the API for a directions web and mobile application using Python and Django.
- Built a Multi-vendor platform using WordPress and PHP.
- Built an online learning platform using WordPress and PHP.

EDUCATION

November 2018 – Present

Microsoft Professional Program in Data Science
MicroSoft

February 2019

Master of Science in Mathematical Sciences (Big Data and Computer Security)
African Institute for Mathematical Sciences, Senegal

June 2017

Bachelor of Science in Mathematical Sciences (Mathematics)
University for Develelopment Studies, Navrongo, Ghana

PROJECTS

June 2018– February 2019

Built a Long Short-Term Memory Neural Network Model that Tackles Commonsense Reasoning in Artificial Intelligence
Master Thesis | African Institute for Mathematical Sciences, AIMS - Senegal
- Involved the application of Language Models.
- Long Short-Term Memory (LSTM) Neural Network was built taking only words as inputs.
- Model differentiates correct sentences from wrong sentences.
- The model was tested on the Winograd Schema.

ACCOLADES

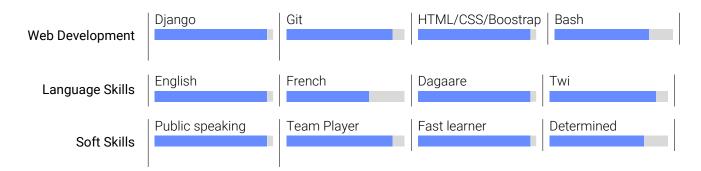*November 2018* — **Successful Applicant** | *DataHack4Fi Innovation Award - Season 3*

August 2017 — **Scholar** | *Next Einstein Full Initiative Scholarship*

SKILLS

Programming Languages

Python	R	Java/C++	Javascript / PHP

Technical Skills

Artificial Inteligence	Deep Learning	NLP	Machine Learning

Web Development	Django	Git	HTML/CSS/Boostrap	Bash

Language Skills	English	French	Dagaare	Twi

Soft Skills	Public speaking	Team Player	Fast learner	Determined

ADDITIONAL DETAILS

Hobbies & Interests *Playing the Trumpet, Listening to music, Programming , Reading novels*

REFERENCES

Name	✉	Institution
Prof Kaninda Musumbu	musumbu@gmail.com	University of Bordeaux, France
Dr Saliou Diouf	saliou_diouf@aims-senegal.org	AIMS, Senegal