JB **JOHN BAGILIKO**

📍 PR/KL 188, Prampram, Accra, Ghana

📞 +233208740869

✉ john.bagiliko@aims-senegal.org

in john-bagiliko-b97b0b155

WORK EXPERIENCE

January 2020 – Present

Zindi Ghana Ambassador

Zindi Ambassador | Zindi Africa, Cape Town, South Africa

- Participating in regular Zindi Ambassador conference calls
- Connecting Zindi with potential partners, data sets, and competition hosts
- Continuing to run hackathons, meet-ups, trainings, and other events that support the data science community in Ghana
- Speaking about Zindi at events
- Helping recruit and coordinate University Student Ambassadors

May 2019 – Present

Data Science and Software Engineering Consultant

Software Development and Data Science | Superfluid Labs, Accra, Ghana

- Build data science, machine learning models, software applications
- Manage projects of clients

August 2019 – Present

Founder and Team Lead

Team Lead | AI Ghana, Accra, Ghana

- organize data science, machine learning, artificial intelligence workshops, hackathons, meet-ups, trainings and other events that support the data science community in Ghana
- handle administrative duties of AI Ghana
- lead mentorship programs of AI Ghana

October 2019 – April 2020

Data Science and Software Engineering Consultant

Software Development and Data Science | Timothy Kotin Consulting, Accra, Ghana

- Build data science, machine learning models, software applications
- Manage projects of clients

March 2019 – September 2019

Data Scientist and Software Developer

Web Development and Data Science | Volkeno, Dakar, Senegal

- Researched on the markets of Ghana, Nigeria and Uganda.
- Worked with team on the design and implementation of a web application that uses Machine Learning Techniques to efficiently aid our market research.
- Integrated 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 – January 2020

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

August 2019 — **Built a machine learning model to predict amount of time for order delivery**
Zindi-Sendy Machine Learning Hackathon | Team DataGeeks
- Responsible for the data prepossessing
- Built a regression model that predicts the amount of time a bike-man will spent to deliver an an order.

April 2019– August 2019 — **Built a machine learning model to predict churn of an EdTech chat bot users**
DataHack Innovation Award | Team Fineazy
- Responsible for the data prepossessing
- Built a classification model that predicts which user will churn or otherwise.

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

August 2019 — ZINDI CHALLENGE | First Runner-Up | *A proud key member of a team of 3 who came out second in the Zindi-Sendi Data Science Hackathon in Rwanda out of over 100 participants.*

July 2019 — Google Grant | *Received a Google grant worth 750 USD to attend the Deep Learning Indaba 2019 in Kenya due to the quality of my research in Machine Learning.*

July 2019 — DataHack4FI Season 3 Country-Level Winner (Ghana) | *Being the Data Enthusiast of the first prize winning team of the DataHack4FI Season 3 Innovation Award*

April 2019 — Microsoft Award | *For being the third best poster presenter at the IndabaX Ghana, 2019 poster presentations*

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

August 2017 — Next Einstein Full Initiative Scholarship | *Part of the few awardees among thousands of applicants on the African continent*

SKILLS

Programming Languages

| Python | R | Java/C++ | Javascript / PHP |

Technical Skills

| Artificial Inteligence | Research | Project Management | Writing |

Software Development

| Django | Git | HTML/CSS/Boostrap | Bash |

Language Skills

| English | French | Dagaare | Twi |

Soft Skills

| Attention to Detail | Drafting Skills | Analytical SKills | Critical Thinking |

ADDITIONAL DETAILS

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

REFERENCES

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