

JB **JOHN BAGILIKO**

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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

October 2019 – Present

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

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

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) <i>African Institute for Mathematical Sciences, Senegal</i>
June 2017	Bachelor of Science in Mathematical Sciences (Mathematics) <i>University for Development Studies, Navrongo, Ghana</i>

PROJECTS

August 2019	Built a machine learning model to predict amount of time for order delivery <i>Zindi-Sendy Machine Learning Hackathon Team DataGeeks</i> <ul style="list-style-type: none"> Responsible for the data preprocessing 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 <i>DataHack Innovation Award Team Fineazy</i> <ul style="list-style-type: none"> Responsible for the data preprocessing 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 <i>Master Thesis African Institute for Mathematical Sciences, AIMS - Senegal</i> <ul style="list-style-type: none"> 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 <div><div></div></div>	R <div><div></div></div>	Java/C++ <div><div></div></div>	Javascript / PHP <div><div></div></div>
Technical Skills	Artificial Intelligence <div><div></div></div>	Research <div><div></div></div>	Project Management <div><div></div></div>	Writing <div><div></div></div>
Software Development	Django <div><div></div></div>	Git <div><div></div></div>	HTML/CSS/Bootstrap <div><div></div></div>	Bash <div><div></div></div>
Language Skills	English <div><div></div></div>	French <div><div></div></div>	Dagaare <div><div></div></div>	Twi <div><div></div></div>
Soft Skills	Attention to Detail <div><div></div></div>	Drafting Skills <div><div></div></div>	Analytical Skills <div><div></div></div>	Critical Thinking <div><div></div></div>

ADDITIONAL DETAILS

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

REFERENCES

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