Francis Anokye

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SUMMARY

AI enthusiast and Microsoft certified data scientist with expertise in data modeling, machine learning and traditional data concepts to bring insights to data.

SKILLS

- Analytical
- Data Science
- Machine Learning
- Python Programming
- Data Visualization
- Active listening
- Leadership
- Stress management

EXPERIENCE

Teaching Assistant, Machine Intelligence, African Institute For Mathematical Sciences (AIMS)
December 2020-September 2021
Mbour, Thies - Senegal

- Assisted faculty members with classroom instruction, exams, record keeping, and other miscellaneous projects.
- Established positive relationships with students, fellow tutors and school administrators.
- Provided one-on-one assistance and tutoring to students requiring additional help.
- Promoted student learning by providing individualized and small group support to reinforce classroom topics.
- Collaborated with other staff members to plan and schedule lessons promoting learning and student engagement.

Data Science Intern, International Crops Institute for the Semi-Arid Tropics, ICRISAT
Manobi Africa Group
July 2019-October 2019
Dakar, Senegal

- Tested, validated and reformulated models to foster accurate prediction of outcomes.
- Designed pre-season risk scoring algorithms and tested their robustness against rain-fed datasets from Ghana and Nigeria.
- Investigated approaches of de-risking agricultural credit to smallholder farmers through the use of improved and dynamic risk scoring algorithms based on quality data.
- Identified key farm-level variables that controlled smallholder yield outcomes.
- Tested performances of developed algorithms against historical and in-season data streams.

Data Scientist (Graduate Intern), SeySoo Sarl,
July 2018-December 2018
Dakar, Senegal

- Worked alongside team members and leaders to identify analytical requirements and collect information to meet customer and project demands.
- Built predictive, simple but robust models using CNN, Keras, Pytorch and Tensorflow frameworks.
- Supported software developers to evaluate and integrate built models into existing software.
- Conducted independent research utilizing large image data sets for radiology image classification.
- Followed data quality standards, policies and procedures to ensure compliance.

Sales Executive, The Coca-Cola Bottling Company of Ghana Limited,
October 2015-August 2017
Accra, Ghana
- Generated orders for customers using the Hydra Sales software.
- Retained clients and obtained referrals by promptly resolving customer complaints, providing value and promoting quality.
- Participated in marketing, sales and promotion activations.
- Conducted market surveys for competitive pricing.
- Provided post-sale support and follow-up.
- Created and delivered sales presentations demonstrating value through cost reduction, ROI and customer satisfaction.

EDUCATION AND TRAINING
PhD Student, Interdisciplinary Studies
Memorial University of Newfoundland, St John's NL
September 2021 - Present

Master of Science
Machine Intelligence, African Institute For Mathematical Sciences (AIMS), Kigali, Rwanda
December 2020

Master of Science
Cooperative Education: Big Data , African Institute For Mathematical Sciences (AIMS), Senegal
February 2019

Bachelor of Science Mathematics, Kwame Nkrumah University of Science And Technology, Ghana
June 2014

WEBSITES, PORTFOLIOS, PROFILES
- www.linkedin.com/in/francis-anokye-bj380

ACCOMPLISHMENTS
- Microsoft Professional Program Certificate in Data Science