ISAAC KOBBY ANNI

Bowling Green, Ohio 43402 419-378-9889 isaackobbyanni@gmail.com

PROFESSIONAL SUMMARY

Data science graduate with a passion for leveraging data to drive insights. Proficient in Python, SQL, and machine learning concepts. Completed coursework in statistics, data science programming, database management systems and machine learning algorithms. Hands-on experience with data cleaning, visualization, and model development. Strong analytical and problem-solving skills. Eager to contribute to data-driven decision-making in a professional environment

SKILLS

- **Basic**: MongoDB, Postgres, javascript,CSS, React html
- Excellent Verbal and Written Communication

- **Intermediate**: SQL, LATEX, Linux, PowerBI
- Proficient with Git

- **Advanced**: python; TensorFlow, Keras, PyTorch
- Proficient with Agile systems.

EXPERIENCE

Graduate Research Assistant   August 2022 - Current
Bowling Green State Univerity | Bowling Green, Ohio, USA

- Performed most of the data analysis using python and/or PowerBI.
- Performed data wrangling and modeling.
- Created and designed dashboards using PowerBI.
- Created workflow to automate daily activities using python.
- Created predictive modeling for retention rate.

NLP Engineer, Intern   March 2022 - August 2022
International Crop Research Institute for the Semi-Arid Tropics | Tucson (Remote), Arizona

- Read 65% of the crop research papers on the project published in Senegal and annotated 90% required variables for extraction.
- Wrote and upgraded scripts to extract parameters for crop simulation
- Contributed to the DARPA's HABITUS project on Github with several push requests.
- Upgraded existing crop parameter extraction scripts for better performance.
- Presented on weekly basis with project progress.
- Submitted monthly report to my supervisors for review.

- Created prompt analyses using openAI's GPT-3 for crop sentiment analysis.

- Created cosine similarities on large texts for keywords in crop research.

- Contributed to existing project on belief extraction from large texts.

EDUCATION

MS - Data Science   April 2024

Bowling Green State University, Bowling Green, Ohio, United States

ACCOMPLISHMENTS

- I have worked on topic modeling, text classification, sentiment analysis, information extraction (with accepted poster) question answering and prompt modeling in NLP

- Hands on experience with graph representation learning, node embedding techniques.

- Hands on experience with object detection, semantic segmentation, image classification (binary and multi-class), transfer learning techniques.

- Predictive modeling in credit scoring, regression models, etc.

CERTIFICATIONS

- 22/02/2022: Fundamentals of accelerated computing with CUDA Python NVIDIA Deep Learning.

- 13/07/2021: TensorFlow Developer Certificate Udemy for Business Online Certificate of Completion.

- 06/07/2021: Python and Machine Learning for financial analysis Udemy for Business Online Certificate of Completion

- 20/05/2021: Deep learning and Computer vision Udemy for Business Online Certificate of Completion.