Isaac Kobby Anni

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| 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

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| Skills |

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| * Basic: MongoDB, Postgres, javascript,CSS, React html | * Intermediate: SQL, LATEX, Linux, PowerBI | * Advanced: python; TensorFlow, Keras, PyTorch |
| * Excellent Verbal and Written Communication | * Proficient with Git | * Proficient with Agile systems. |

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| Experience |

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

* 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.

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

* 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.

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| Education |

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| MS - Data Science  Bowling Green State University, Bowling Green, Ohio, United States | April 2024 |

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| 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.

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| 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.