

# Ibrahim Alborno

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## Summary:

An aspiring Data Scientist with a strong foundation in computer science and a passion for solving real-world problems using AI and data. Skilled in turning complex datasets into actionable insights through machine learning, predictive modeling, and interactive data visualizations. Currently pursuing an M.S. in Computer Science with a focus on Data Science and AI. Seeking a full-time role in Data Science, AI, Machine Learning, and Data Analytics, with relocation flexibility.

## Skills:

- **Programming Languages & Web Development:** Python, SQL, Java, C/C++, JavaScript, PHP, HTML, CSS, React, Spring Boot, Tailwind CSS
- **Data Science & Machine Learning:** Pandas, NumPy, Scikit-learn; Exploratory Data Analysis, Regression, Classification, Clustering, A/B Testing
- **Data Visualization & Business Intelligence:** Matplotlib, Seaborn, Tableau
- **Databases & Tools:** PostgreSQL, MySQL, Git, Jupyter Notebook, Google Colab, IBM Watson Studio, Microsoft Excel, Google Sheets
- **Artificial Intelligence Applications:** AI Agents, Chatbots

## Experience:

### Data Science Intern, Research Lab | UMKC School of Engineering

Aug 2025 - Present

- Applied high-performance computing (HPC) to analyze large-scale multi-omics and clinical datasets for cancer research
- Developed and deployed machine learning and artificial intelligence models integrating genomic, demographic, and clinical data to identify predictive cancer markers.
- Designed computational pipelines that combined statistical methods with advanced AI/ML to generate individual risk profiles for cancer prediction and prevention

### Sales Executive | EDUConnection

Aug 2024 - Jan 2025

- Promoted AI-driven communication platforms by demonstrating solutions built with Python, AI Agents, and Chatbots for school operations and parent-teacher engagement
- Delivered technical product demos, collaborated with school IT teams, and provided feedback on Python-based features to improve adoption and usability
- Contributed to early-stage startup growth by analyzing user engagement data, tracking chatbot interactions, and translating client needs into product development priorities

## Education:

### University of Missouri Kansas City - Kansas City, MO

- Master of Science | Computer Science
- Bachelor of Science | Computer Science

GPA: 3.5 / 4.0

May 2027

May 2025

### Metropolitan Community College | Longview

- Associate of Arts

May 2023

**Relevant Coursework:** Generative Artificial Intelligence, Introduction to Data Science, Deep Learning, Statistical Learning, Databases, Intro to AI, Algorithms and complexities, Networking, Cloud Computing, Neural Networks, Data Structures, Software Engineering, and Java

## Certifications:

### IBM Data Science Professional Certificate

Sept 2025

- Implemented multiple regression models in Python (using Pandas, NumPy, scikit-learn) to predict student grades, engineering features such as study time, attendance rate, and prior exam scores.
- Developed and tuned classification models, including Logistic Regression and Decision Trees in Python to predict obesity likelihood, leveraging lifestyle factor datasets and applying preprocessing pipelines (data cleaning, encoding, normalization).
- Evaluated model performance with advanced metrics,  $R^2$  and MSE for regression; confusion matrix, precision, recall, and F1-score for classification, ensuring both interpretability and reliability of results.

