

TIBA DRAIA

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EDUCATION

Western New England University, Springfield, MA

Expected May 2025

Bachelor of Science, Data Science and Statistics

Relevant Coursework: Computational Statistics, Applied Regression & Time Series, Machine Learning, Programming

TECHNICAL SKILLS

Python, R, SQL | NumPy, Pandas | Matplotlib, Seaborn, Plotly/Dash | Tableau, Power BI | Excel, Office 365

PROFESSIONAL EXPERIENCE

Trinity Health of New England, Springfield, MA – Laboratory Data Processor

April 2023 - August 2023

- Processed and prepared laboratory specimens by labeling, centrifuging, and aliquoting samples in accordance with quality control protocols.
- Entered patient, test, and billing data into CRT systems with accuracy, and communicated with medical staff to prioritize STAT results and support efficient lab operations.

Caring Health Center, Downtown Springfield, MA - Language Interpreter

January 2021 - June 2022

- Facilitated clear and accurate communication between healthcare providers and patients with limited English proficiency during medical appointments.
- Ensured patients fully understood medical information and instructions, enhancing the quality and accessibility of healthcare services.

PROJECTS

A/B Testing on University Math Center Website: Conducted an A/B testing project in class to evaluate website user engagement and identify areas for improvement. Designed experiments, analyzed results using statistical techniques, and presented actionable recommendations to enhance user experience.

Misinformation Dataset Analysis using Machine Learning: Applied classification algorithms to analyze an AI misinformation dataset, identifying patterns and trends. Preprocessed data, optimized models, and evaluated performance metrics to derive insights and improve prediction accuracy.

PUBLICATIONS

Pi Mu Epsilon Journal (Upcoming Issue)

Co-author of an accepted solution to Problem #1419, focusing on step distribution over time in combinatorial analysis.

ACTIVITIES

Core Member & Event Coordinator, AI Club, Western New England University (2024 – Present)

Organized Events and workshops to promote awareness of AI, data analytics, and machine learning.

Volunteer, Dakin Humane Society, Springfield, MA (2023–Present)

Assisted with animal care, fostering, and fundraising efforts to support shelter programs.