Amber Bellou

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Professional Summary

Innovative and analytical Data Analytics and Computational Social Science professional with expertise in AI-driven solutions, data visualization, and research methodologies. Proficient in Python, R, and SQL, with proven experience in data analysis, AI prompting, and machine learning tools. Fluent in English, French, Arabic, and Spanish, bringing multicultural communication skills and a strong ability to work across disciplines. Passionate about leveraging data to address global challenges at the intersection of medicine, data science, and AI.

Education

Master of Science in Data Analytics and Computational Social Science

University of Massachusetts Amherst | Expected Graduation: May 2025 | GPA: 3.9

Dual Bachelor's Degrees: Political Science & Anthropology (Minor in Environmental Science)

University of Massachusetts Amherst | Graduated: Winter 2024

Skills

• Python, R, HTML
• SQL, Excel, Tableau, RStudio
• ChatGPT, DALL-E, MidJourney, Prompt Engineering, API Integration
• Microsoft Office Suite, Google Workspace
• Fluent in Arabic, English, French, and Spanish
• Social Media Management, Content Creation & Video Editing, Music Production, AI-Driven Solutions

Professional Experience

Research Analyst Intern | 300for300 | Feb 2025 – Present

• Researching how young Black girls co-create therapy through self-reporting and creative play.

Head of Marketing | Boston Private Guide | March 2025 – Present

• Leading marketing strategy and outreach for a private touring company in Boston.

Research Assistant | Human Health Lab, UMass Amherst | 2021 – 2022

• Conducted data analysis on the impact of heat waves on brown adipose tissue, contributing to peer-reviewed publications.

Research Intern | Archaeology Curation Center, UMass Amherst | 2021 – 2023

• Curated digital archives for over 1,000 historical artifacts, improving organizational workflows by 80%.

Research Assistant | Ideological Framework Lab, UMass Amherst | 2022 – 2023

• Developed computational models to analyze ideological frameworks and conducted data analysis.

Barista and Cashier | Library's Procrastination Station | 2023 – 2024

• Managed daily customer interactions, serving over 200 customers while improving team efficiency through training initiatives.

Preschool Teacher Assistant | Solbe Learning | 2020 – 2021

• Developed individualized lesson plans to improve student engagement and learning outcomes.

Intern | MassPIRG, UMass Amherst | 2019