Amber Bellou
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Professional Summary

Innovative and analytical Data Analytics and Computational Social Science professional with expertise in **AI-driven solutions**, **GPT bot creation**, **prompt engineering**, 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 | Current GPA: 3.9
- **Dual Bachelor's Degrees**
  Political Science
  Anthropology (Minor in Environmental Science)
  University of Massachusetts Amherst | Graduated: Winter 2024

Skills

- **Programming Languages:** Python, R, HTML
- **Data Analysis Tools:** SQL, Excel, Tableau, RStudio
- **Machine Learning & AI:** ChatGPT, DALL-E, MidJourney, Prompt Engineering, API Integration
- **Software Proficiency:** Microsoft Office Suite, Google Workspace
- **Languages:** Fluent in Arabic, English, French, and Spanish
- **Creative & Technical Skills:** Social Media Management, Content Creation & Video Editing, Music Production, AI-Driven Solutions & Creative Projects

Professional Experience

- **Research Analyst Intern**
  300for300 | Feb 2025 – Present
    - Researching how young Black girls (ages 9–15) co-create therapy in a safe 'playscape.'
- **Head of Marketing**
  Boston Private Guide | Boston, MA | March 2025 – Present

- ○ Leading marketing strategy and outreach for a private touring company.
- **Research Assistant**
  Human Health Lab, UMass Amherst | Amherst, MA | 2021 – 2022
  - ○ Conducted data analysis on the impact of heat waves on brown adipose tissue.
- **Research Intern**
  Archaeology Curation Center, UMass Amherst | Amherst, MA | 2021 – 2023
  - ○ Curated digital archives for over 1,000 historical artifacts.
- **Research Assistant**
  Ideological Framework Lab, UMass Amherst | Amherst, MA | 2022 – 2023
  - ○ Developed computational models to analyze ideological frameworks.
- **Barista and Cashier**
  Library's Procrastination Station | Amherst, MA | 2023 – 2024
  - ○ Managed daily customer interactions and trained new employees.
- **Preschool Teacher Assistant**
  Solbe Learning | Brookline, MA | 2020 – 2021
  - ○ Developed individualized lesson plans to improve student engagement.
- **Intern**
  MassPIRG, UMass Amherst | Amherst, MA | 2019
  - ○ Conducted advocacy efforts for campus sustainability.

Projects

- **AI Art Generation**
  Created innovative AI-generated visual content using DALL-E and MidJourney.
- **Chatbot Development**
  Designed and programmed chatbots using ChatGPT, automating customer service tasks.

Certifications

- Medical Interpretation Certificate: English to Spanish (2017)
- CITI Program Certification: Over 60 courses on ethical research practices.

Leadership & Awards

- Board Member, Academic Honesty Board | UMass Amherst (2024)
- Host, AnthroHub Podcast | UMass Amherst's First Anthropology Podcast (2023 – 2024)
- **Model UN Achievements:**
  - ○ Outstanding Delegate (MIT, 2014)
  - ○ Honorable Mention (MIT, 2015)
  - ○ Best Delegate (Northeastern, 2016)