

Emory Bayer

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EDUCATION

American University

MA in International Affairs Policy and Analysis

Washington, D.C.

Sep 2023-May 2025

- Relevant coursework:
 - *Data Analysis* : Course designed to instruct students in data cleaning techniques, development of clean and reproducible R scripts, and effective presentation of data-driven insights to diverse audiences. Course required over 100-hours of homework and projects utilizing R script, R Markdown, and GitHub.
 - *International Affairs Statistics & Methods* : Course designed to develop students' ability to make and assess the validity of quantitative arguments by learning how to synthesize large quantities of data using R, utilize regression to identify relationships between variables, and discern causality.

University of New Hampshire

BA, double major: Political Science and International Affairs

Durham, New Hampshire

Sep 2018- May 2022

SOFTWARE SKILLS

- *Data Programming*: Proficient in Tidyverse and Knitr packages on Rstudio/R Markdown; experienced in tasks such as data manipulation and statistical analysis.
- *Data Wrangling*: Proficient in cleaning data to remove missing values, merging, and appending datasets using R.
- *Data Visualization*: Skilled in creating descriptive visual analyses using Ggplot2 in R, including scatterplots, histograms, and line plots; experienced with Tableau for interactive visualizations.
- *Productivity Software*: Proficient in Microsoft Office Suite (Word, Excel, PowerPoint) and Google Workspace (Docs, Sheets, Slides).
- *Product Management and Collaboration* : Asana, Apricot Social Solutions

PROJECTS

- *"Impact of United States Presidential Administrations on Asylum Rejection Percentages"*: Employed R software to analyze UNHCR 2023 asylum applicant data in the United States and Canada, assessing variations in asylum rejection rates across different U.S. presidencies and comparing the trends between the two countries
- *"The Impact of Immigration Pathways on the Ability of Refugee Resettlement Agencies to Provide Services and Support for Afghan Migrants"*: Experience gained during my internship at a refugee resettlement agency, coupled with qualitative data from interviews I conducted, was utilized to create a report comparing the outcomes of Afghans who arrived through Humanitarian Parole status versus Special Immigrant Visas."

PROFESSIONAL EXPERIENCE

American University

Graduate Research Assistant - School of Education

Washington, D.C.

Jan 2024 - present

- Collaborate with School of Education (SOE) staff to develop and organize Teacher Education Program Feedback surveys, ensuring clarity and relevance to program objectives.
- Facilitate structured classroom discussions with students to elicit detailed feedback on their experiences within the Teacher Education Program, using the feedback surveys as a guide.

- Implement systematic procedures to organize and analyze qualitative data derived from both classroom discussions and survey responses. Apply qualitative analysis techniques to discern prevalent themes and patterns within the feedback data.
- Generate comprehensive reports summarizing qualitative data findings and survey responses, highlighting key insights and actionable recommendations for program enhancement.
- Prepare and present synthesized qualitative data and survey findings at the Teacher Data Retreat, contributing to informed decision-making and continuous improvement initiatives within the Teacher Education Program.

Meridian International Center

Washington, D.C.

Customized Exchange fellowship

Jan 2024- May 2024

- Provide programmatic support for four cultural exchange programs: Global Emerging Leaders in International Cyberspace Security Fellowship , U.S. Science Envoys, U.S. Speaker Program, and USTDA.
- Conduct comprehensive research and analysis of the implementation of previous customized exchanges to identify successful strategies and areas for improvement, to better inform future programmatic decisions.
- Maintain and update program Excel sheets with detailed data on administrative activities, participant demographics, travel expenses, and other relevant metrics, enabling accurate tracking and reporting of program outcomes.
- Perform comprehensive data cleansing and formatting tasks in Excel spreadsheets to guarantee accuracy and facilitate ease of interpretation, thereby bolstering the reliability and usability of data for future analysis purposes.
- Ensure the confidentiality and security of program participant information through strict adherence to data protection protocols and procedures.

Protagonist

Washington, D.C.

Socio Cultural Analyst Intern

Jun 2023-Oct 2023

- Conducted research on prevailing political narratives within countries, leveraging resources in both English and the local language to gather and interpret both quantitative and qualitative data.
- Collaborated with researchers to organize and coordinate data collection using Google Sheets and Google Docs.
- Facilitated data gathering efforts by orchestrating outreach activities and scheduling interviews with academics from diverse international backgrounds and time zones, optimizing data collection processes.
- Contributed to the refinement of query models and the identification of key phrases and terms to enhance the efficacy of article compilation efforts focus on specific thematic areas

International Institute of New England

Manchester, New Hampshire

Case Manager within Preferred Communities Case Management Program

Jun 2022-May 2023

- Managed and supported a caseload of 30 high-need clients, including those facing challenges related to medical conditions, domestic violence, and housing insecurity.
- Utilized client database to identify the demographics of clients experiencing domestic violence, in order to address linguistic barriers and enhancing accessibility to vital information and support services.
- Updated and organized client files and the client database, employing data management best practices to ensure accuracy, completeness, and confidentiality of client information.