

Emily Gabion

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WORK EXPERIENCE AND PROJECTS

Greater Good Science Center

May. 2024 - Present

Accessibility Engineer Intern

- Utilized SiteImprove to identify and rectify accessibility issues on webpages not meeting W3C standards, enhancing compliance through targeted HTML and CSS adjustments.
- Utilized CSS and HTML to implement and test web content, ensuring compliance with the World Wide Web Consortium (W3C) guidelines.
- Handled GGSC website platform access within defined roles, strictly adhering to security policies concerning login credentials, user permissions, and CyberSecurity best practices, ensuring robust data protection and integrity.

Citian

Jan. 2024 – May 2024

Data Science Consultant

- Led the standardization of text files using advanced natural language processing (NLP) techniques, ensuring consistency and automated processing.
- Implemented Narrative Extraction methods to extract essential keywords and details from text files, enhancing and automating data extraction efficiency.
- Developed algorithm using the *spaCy* library to populate tables, creating an automated solution for text analysis.

Healthy Amplified

Product Analyst Intern

Jan. 2024 - Apr. 2024

- Crafted detailed use cases and business requirement documents by analyzing complex data sets and translating analytical insights into actionable marketing strategies.
- Provided data-driven consultation to program managers relating to benchmark and performance optimizations.

Futures Without Violence

Sep. 2023 - Dec.2023

Data Science Consultant

- Developed a comprehensive cost calculator to estimate the economic impact of Intimate Partner Violence (IPV) on businesses, considering factors such as the number and gender distribution of employees.
- Refined a predictive model to assess a firm's productivity while accounting for IPV cases among its workers.
- Developed user-friendly *Plotly* dashboards to visualize the economic impact of IPV on businesses, enabling stakeholders to make data-driven decisions regarding the cost calculator's relevance across industries.

Spam Email Classifier

- Created a data pipeline to process text-based data and built a logistic regression model, using scikit-learn to predict whether an email was spam or legitimate with a 95% training accuracy.
- Transformed raw email text into numeric features suitable for machine learning training.

EDUCATION

University of California, Berkeley

May 2025

Bachelors of Arts, Data Science

- Relevant Coursework: Linear Algebra, Data Structures and Algorithms, Data Engineering, Probability and Statistics, Artificial Intelligence, Principals and Techniques of Data Science, Calculus I & II
- Activities and Societies: Data Science Society, Cloyne Court, Hermanas Unidas, Latinas in Tech, ColorStack

LANGUAGES & SKILLS

- **Skills:** Crowd funding, Customer Service, Data Visualization (Seaborn, Matplotlib) , Data Manipulation (Pandas, SKlearn), HTML, MatLab, WebScraping, Scheme, SQL, Dashboarding (Plotly), Streamlit, Tableau
- **Languages:** English (Native / Bilingual Proficiency) , Spanish (Limited Working Proficiency)