Gray S. Bittker

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EDUCATION

Brown University, B.A. in Computer Science & International and Public Affairs | 4.0/4.0 GPA   **Providence, RI** | *Sep 2023 – May 2027*
- *Relevant Coursework*: Foundations of AI, Data Science, Data Structures & Algorithms, Intro to Computer Systems, Foundations of Security, Nuclear Weapons, Linear Algebra, Statistical Inference, Multivariable Calculus
- *Extracurriculars:* Brown Spectator, Alexander Hamilton Society, Brown Political Union, Stephen Hopkins Society

PROFESSIONAL EXPERIENCE

The Vandenberg Coalition | *Policy Intern*   **Washington, DC** | *Jun 2025 – Aug 2025*
- 1 of 2 interns selected from 50+ applicants to participate in The Vandenberg Coalition's internship program; collaborated with a small policy team to educate the public and policymakers on the importance of American leadership in global affairs
- Produced 37 briefings for senior leadership on daily foreign policy news and events; researched and drafted memos on subjects including the Iran nuclear program; developed and presented a cumulative intern project on the biases of state-owned media

Alexander Hamilton Society | *Hamilton National Fellow*   **Washington, DC** | *Jun 2025 – Jul 2025*
- 1 of 19 fellows selected to participate in the Alexander Hamilton Society's Hamilton National Fellowship; learned about and discussed American grand strategy in weekly seminars with former CIA analyst and policy expert Dr. Kenneth M. Pollack

American Enterprise Institute | *Summer Honors Fellow*   **Washington, DC** | *Jun 2025*
- Participated in Dr. Michael Rubin's "Understanding the Middle East Challenge" course; met with speakers including Yemen's former foreign minister Khaled al-Yamani; examined the current and historical challenges of the Middle East over a week of seminars

Hertog Foundation | *Security Studies Fellow*   **Washington, DC** | *Aug 2024*
- 1 of 17 selected from 3,000+ applicants for the "Return to Rivalry: US-Russia Relations" seminar under former advisor to Sen. Joseph Lieberman; conducted in-depth political and cultural analysis of US-Russian diplomatic ties since the close of the Cold War
- Interfaced with diplomats and foreign emissaries such as Amb. Victoria Nuland, former NSC Advisor Tim Morrison, and Polish Foreign Minister Radek Sikorski; interviewed speakers on contemporary affairs via national security frameworks

Hudson Institute | *Political Studies Fellow*   **Washington, DC** | *Jun 2024 – Jul 2024*
- 1 of 71 selected from 2,000+ applicants for the Political Studies Summer Fellowship program; discussed political theory with peers and professors over six weeks of three-hour seminars; wrote five essays on foundational texts like *Plato's Republic* and *The Prince*
- Simulated the policy-making process during six workshops on defense, the judicial system, and artificial intelligence regulation; engaged with leading scholars and speakers including Harvey Mansfield, AG Bill Barr, Rep. Mike Gallagher, and Sen. Tom Cotton

Brown University Department of Epidemiology | *Research Assistant*   **Providence, RI** | *Sep 2023 – Mar 2024*
- Developed Python scripts to collect and format over 2.8 million race records from 157 event-years of United States marathons; collected humidity and temperature data from NASA's Goddard Earth Sciences Data and Information Services Center
- Cleaned, formatted, and verified race data for analysis in a paper published in *Sports Medicine* investigating the impacts of $PM_{2.5}$ pollution on marathon performance; the study's findings were mentioned in 28 news outlets including *The New York Times*

LEADERSHIP EXPERIENCE

The Brown Spectator | *Managing Editor & Founding Member*   **Providence, RI** | *Feb 2025 – Present*
- One of three founding members of *The Brown Spectator*, a newspaper dedicated to fostering an environment of free discourse at Brown; our board was recently featured on the front page of the New York Times for our reporting on Brown's administration
- Review every article prior to publication and guide writers through the editorial process to refine their work; oversee the brownspectator.com Substack and manage the layout, printing, and distribution of 700 hard copies per issue

Alexander Hamilton Society | *President*   **Providence, RI** | *May 2025 – Present*
- Lead the Brown chapter of the Alexander Hamilton Society, a non-partisan organization dedicated to the vision of a strong American presence in the world; delegate administrative responsibilities to four other executive board members
- Coordinate with the national Alexander Hamilton Society organization on speaker events, funding, and recruitment efforts; plan and execute speaker events with leading foreign policy experts on critical national security threats like Russia and China

CODING PROJECTS

The Dangers of Adversarial-Owned Media | *Python, Playwright, BERT Language Model*   *Jun 2025 – Jul 2025*
- Built and trained ML classification model achieving 80% accuracy to analyze bias across 12,500+ social media posts from state-sponsored media outlets; presented policy recommendations to former Deputy National Security Advisor Elliott Abrams

Political Subreddit Mapping | *Python, Requests*   *Mar 2025 - May 2025*
- Developed network analysis of 904 political subreddit communities by collecting and analyzing 45,000+ adjacency vectors to map political relationships and clustering patterns; implemented data collection pipeline using Reddit API and clustering algorithms

Marathon Scraper | *Python, Selenium, Pandas, Requests*   *Sep 2023 – Mar 2024*
- Engineered data pipeline processing 2.8M+ marathon records across 157 event-years using Selenium WebDriver and multithreading
- Contributed to research paper published in Sports Medicine; findings featured in *The New York Times* and *The Boston Globe*

TECHNICAL SKILLS

- **Programming Languages:** Python, C, Java, SQL
- **Data & ML**: Pandas, NumPy, scikit-learn, TensorFlow, Matplotlib
- **Web Scraping**: Selenium, BeautifulSoup, Playwright, Requests
- **Developer Tools:** Git/GitHub, VS Code, PyCharm, IntelliJ, Jupyter
- **Systems & Tools:** Jamf Pro, Filemaker, macOS, Windows, Linux (Kali)
- **Security:** NSA GenCyber CTF Competition (2nd place, 2021)