

Adina Gitomer

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Computational social science Ph.D. researcher studying user behavior and political participation on social media using network science, digital trace data, and qualitative techniques.

Education

Northeastern University, Boston, MA May 2025
Ph.D. Network Science, **GPA: 3.90**
Courses: Network Data Science (Machine Learning with Graphs), Computational Statistics, Complex Networks, Social Networks, Political Communication, Communication and Inclusion

Wesleyan University, Middletown, CT May 2020
B.A. Computer Science, **GPA: 4.03**
Certificate Social, Cultural, and Critical Theory

Skills

Computer Languages: Python, SQL, R, C, ML
Software and Packages: Project Jupyter, pandas, matplotlib, nltk, sklearn, networkx, Gephi
Qualitative: Survey design, discourse analysis, codebook design

Professional Experience

Northeastern University, Communication Media and Marginalization Lab Sept 2020 - Present
Graduate Research Assistant

- Direct mixed-methods projects on political participation in online networks; perform analyses on large data sets collected through API queries, write journal articles, and coordinate co-authorship
- Communicate scientific findings at various academic conferences
- Review and contribute to lab members' code on network analysis, and facilitate lab meetings
- Audit proprietary algorithms using PySpark in a remote, distributed cluster
- Manage undergraduate research assistants, and provide mentorship and guidance to familiarize them with qualitative and quantitative techniques
- Inform policymakers and news outlets on the pandemic by preparing reports based on a nationwide survey of COVID-19 responses

Reddit, Trust & Safety June 2023 - Sept 2023
Data Science Intern

- Conducted confidential investigation that enhanced user safety on Reddit by deepening the company's understanding of a growing vector of abuse on the site
- Circulated findings to the entire Safety Organization in the form of an oral presentation, written report, background document, and reproducible code document to inform product changes and future safety research
- Collaborated with stakeholders across teams to develop actionable insights and recommendations

Northeastern University, Khoury College of Computer Sciences/Data Science Dec 2021 - May 2022
Graduate Teaching Assistant

- Designed and conducted an intro-level data science course on computational social science

Wesleyan University, The Wesleyan Media Project's DELTA Lab June 2019 - Sept 2020
Undergraduate Research Assistant

- Led project examining spending on Facebook political ads using network analysis; produced and published an academic article articulating findings, and presented the work at a conference to an audience of interdisciplinary researchers
- Communicated with Wesleyan Media Project directors to share and develop research directions, and interpret results for internal reports

Leadership & Recognition

Student Government Association Treasurer, Network Science Institute Sept 2023 - Present
Top Student Paper Award, *International Communication Association Conference* May 2022
Conference Satellite Co-Organizer, Networked Justice Satellite Symposium, *Networks 2021* June 2021