

SHIVA DARIAN

EDUCATION

University of Colorado, Boulder <i>Ph.D. in Information Science</i> Dissertation title: The Powers and Politics of Data Rhetoric Advisor: Amy Volda, Philanthropic Informatics Research Lab	Boulder, CO 2023
University of Colorado, Boulder <i>M.S. in Information Science</i>	Boulder, CO 2020
Pennsylvania State University <i>B.A. in Philosophy and International Politics</i>	University Park, PA 2015

PEER-REVIEWED PUBLICATIONS

Darian, S.M., Chauhan, A., Marton, R., Ruppert, J., Anderson, K. *, Clune, R. *, Cupchak, M. *, Gannett, M. *, Holton, J. *, Kamas, L. *, Kibozi-Yocka, J. *, Mauro-Gallegos, D. *, Naylor, S. *, O'Malley, M. *, Patel, M. *, Sandberg J. *, Siegler, T. *, Tate, R. *, Temtim, A. *, Whaley, S. *, Volda, A., "[Enacting Data Feminism in Advocacy Data Work.](#)" *The Proceedings of the ACM on Human-Computer Interaction-CSCW*. 2023. *denotes equal contribution

Darian, S.M., Dym, B., Volda, A., "[Competing Imaginaries and Partisan Divides in the Data Rhetoric of Advocacy Organizations.](#)" *The Proceedings of the ACM on Human-Computer Interaction-CSCW*. 2023.

Tizpaz Niari, S., Monjezi, V., Wagner, M., **Darian, S.**, Reed, K., Trivedi, A., "[Metamorphic Testing and Debugging of Tax Preparation Software.](#)" *The 45th International Conference on Software Engineering: Software Engineering in Society (ICSE-SEIS)*. 2023.

Manuscripts Under Review

Darian, S.M., Volda, A., "[Audience Engagement with Data Rhetoric on Social Media.](#)" Under Review at a top-tier ACM venue.

Darian, S.M., Tizpaz Niari, S., Volda, A., "[Multimodal Uses of Data Rhetoric on Social Media.](#)" Under Review at a top-tier ACM venue.

Darian, S.M., Robledo Yamamoto, F., Volda, A., "Siloeled Information Systems in the Borderlands." Under Review at a top-tier ACM venue.

RESEARCH AND TEACHING EXPERIENCE

Graduate Research Assistant <i>CU Boulder Dept. of Information Science - Dr. Amy Volda</i> Dissertation Research	Boulder, CO Summer 2022 - Present
Graduate Research Assistant <i>CU Boulder Dept. of History - Digital Slavery Research Lab - Dr. Henry Lovejoy</i> Project: Yoruba Diaspora	Boulder, CO Summer 2021
Lecturer <i>University of Texas at El Paso - Dept. of Computer Science - CS 1310</i> Course: Introduction to Computational Thinking (Python Programming)	El Paso, TX Fall 2021, Spring 2022
Graduate Teaching Assistant <i>CU Boulder Dept. of Information Science - INFO 1101 & INFO 1201</i> Courses: Computation in Society, Computational Reasoning 1	Boulder, CO Fall 2019, Springs {'20, '21, '22, '23}
Instructor <i>CU Boulder Dept. of Information Science - INFO 1201</i> Course: Computational Reasoning 1 (Introduction to Python Programming)	Boulder, CO Summer 2021

AWARDS

Graduate School Dissertation Completion Fellowship \$18,000	Fall 2023
The College of Media, Communication and Information: Marcella Hertzog Scholarship \$2,000	Spring 2023
Department of Information Science Excellence in Teaching Award <i>Recipient</i>	Boulder, CO Spring 2023

Consortium for the Science of Sociotechnical Systems Researchers (CSST)
Participant Scholar

Austin, TX
Summer 2022

Department of Information Science PhD Scholarship
\$3,000

2020-2024

Colorado State Grant Recipient
\$3,000

AY 2019-2020

INVITED TALKS

Computing Research Association - WP [Graduate Cohort for Women](#)
"Data Rhetoric in Electoral Communication"

New Orleans, LA
April 24, 2021

CU Boulder: Information Science Seminar
"Blogging With Data: Partisan Divides in the Data Use of Advocacy Organizations"

Boulder, CO
April 14, 2021

Asosiasi Media Siber Indonesia - Hackathon Digital Humanities
Workshop 1: "[Working with Text Data](#)"

Dutch Embassy of Indonesia (Remote)
November 20, 2020

CU Boulder Center for Research Data & Digital Scholarship
"[Creative El Diario](#): An analysis of creative writing and artwork featured in 'El Diario de la Gente'"

Boulder, CO
December, 2019

Posters and Opinion

[ATLAS Expo](#)
"[The 2017 Kermanshah Earthquake](#):" An Information System Design for Improving Disaster Relief

Boulder, CO
May, 2019

AIC Opinion
"[LGBTQ Rights in Iran](#)"

September, 2018

PROFESSIONAL EXPERIENCE

Annunciation House
Refugee Shelter Community Volunteer

El Paso, TX
2022 - Present

Healthcare Professionals and Allied Employees (HPAE)
Union Organizer

Emerson, NJ
2018-2019

- Supported health care workers in strengthening their union to improve working conditions and patient care.
- Built committees of leaders and activists to carry out collective actions including membership meetings, votes, and rallies.

American Iranian Council (AIC)
Research Fellow

Princeton, NJ
2016-2018

- Led research and writing of white papers explaining current US-Iran policies and proposing new legislation.
- Drafted detailed communications on behalf of the organization to clients.

International Rescue Committee (IRC)
Refugee Resettlement Caseworker

San Jose, CA
2016-2017

- Designed and implemented a multi-lingual Qualtrics-based needs assessment with clients. Resulted in establishing a bicycle donation program with the local community to address insufficient access to public transportation within the community.
- Developed resettlement and self-sufficiency plans for clients. Provided individualized and group orientations for new clients.

Church World Service (CWS)
Farsi & Dari Interpreter, Resettlement

Jersey City, NJ
2015

- Provided interpretations at immigration, medical, legal service, and social services appointments.

SERVICE

- **Undergraduate Mentees:** Marikit Yake, Spring 2022 - Present; Ellory Boyd, Summer 2023 - Present
- **Reviewer:** Journal of Transactions on Computer-Human Interaction (TOCHI) 2024
- **Reviewer:** Conference on Human Factors in Computing Systems (CHI) 2023, 2024
- **Reviewer:** Conference on Human Factors in Computing Systems Late Breaking Work (CHI-LBW) 2023
- **Reviewer:** Conference of Computer Supported Cooperative Work (CSCW) 2022, 2023, 2024
- **Reviewer:** Journal of New Media and Society (NMS) 2022, 2023
- **Grader:** INFO 4605/5605: SP 2023 INFO 2131: FA 2021 INFO 3101: FA 2019