

# SHIVA DARIAN

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## EDUCATION

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<b>University of Colorado, Boulder</b> <i>Ph.D. in Information Science</i> Dissertation title: The Powers and Politics of Data Rhetoric Advisor: Amy Volda, Philanthropic Informatics Research Lab	<b>Boulder, CO</b> 2024
<b>University of Colorado, Boulder</b> <i>M.S. in Information Science</i>	<b>Boulder, CO</b> 2020
<b>Pennsylvania State University</b> <i>B.A. in Philosophy and International Politics</i>	<b>University Park, PA</b> 2015

## PEER-REVIEWED PUBLICATIONS

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**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.

### Workshop Papers

Kim, S., **Darian, S.**, Villanueva Rosales, N., Santiago, N., WIP: CAHSI Allyship: An Asset-Based Approach to Build Inclusive Latina Computing Communities. To Appear in *Frontiers in Education*. 2024.

Tizpaz Niari, S., **Darian, S.**, Trivedi, A., "[Relational Debugging for Socially Accountability Software.](#)" To Appear in *ProLala*. 2024.

### Manuscripts Under Review

**Darian, S.M.**, Robledo Yamamoto, F., Volda, A., "[Data Siloing as Infrastructural Activism.](#)" Under Review at a top-tier ACM venue.

**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.

## RESEARCH AND TEACHING EXPERIENCE

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<b>Assistant Professor</b> <i>New Mexico State University, Department of Computer Science</i>	<b>Las Cruces, NM</b> Fall 2024 - Present
<b>Research Assistant Professor</b> <i>University of Texas at El Paso Department of Computer Science</i> <ul style="list-style-type: none"><li>Building and leading an inter-institutional Doctoral Scholars Network for the Computing Alliance of Hispanic Serving Institutions</li><li>Leading research evaluating programmatic efforts in broadening participation in higher-education computing fields.</li></ul>	<b>El Paso, TX</b> Spring - Summer 2024
<b>Graduate Research Assistant</b> <i>CU Boulder Dept. of Information Science - Dr. Amy Volda</i> Dissertation Research	<b>Boulder, CO</b> Summer 2022 - Fall 2023
<b>Graduate Research Assistant</b> <i>CU Boulder Dept. of History - <a href="#">Digital Slavery Research Lab</a> - Dr. Henry Lovejoy</i> Project: <a href="#">Yoruba Diaspora</a>	<b>Boulder, CO</b> Summer 2021
<b>Lecturer</b> <i>University of Texas at El Paso - Dept. of Computer Science - CS 1310</i> Course: Introduction to Computational Thinking (Python Programming)	<b>El Paso, TX</b> Fall 2021, Spring 2022
<b>Graduate Teaching Assistant</b> <i>CU Boulder Dept. of Information Science - INFO 1101 &amp; INFO 1201</i> Courses: Computation in Society, Computational Reasoning 1	<b>Boulder, CO</b> Fall 2019, Springs {'20, '21, '22, '23}

**Instructor**  
CU Boulder Dept. of Information Science - INFO 1201  
Course: Computational Reasoning 1 (Introduction to Python Programming)

**Boulder, CO**  
Summer 2021

## AWARDS

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<b>Graduate School Dissertation Completion Fellowship</b> \$18,000	Fall 2023
<b>The College of Media, Communication and Information: Marcella Hertzog Scholarship</b> \$2,000	Spring 2023
<b>Department of Information Science Excellence in Teaching Award</b> Recipient	<b>Boulder, CO</b> Spring 2023
<b>Consortium for the Science of Sociotechnical Systems Researchers (CSST)</b> Participant Scholar	<b>Austin, TX</b> Summer 2022
<b>Department of Information Science PhD Scholarship</b> \$3,000	2020-2024
<b>Colorado State Grant Recipient</b> \$3,000	AY 2019-2020
<b>Total Travel Funding</b> \$10,500	to date

## WORKSHOPS, POSTERS, AND INVITED TALKS

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<b>Center for Minorities and People with Disabilities in IT (CMD-IT): Academic Careers Workshop</b> Workshop Co-Presenter: "Affinity Research Group Model"	<b>Chicago, IL</b> June 8, 2024
<b>Computing Research Association: Graduate Cohort for Women</b> Panelist: "Strategies for Human-Human Interaction"	<b>Minneapolis, MN</b> April 11, 2024
<b>Computing Alliance of Hispanic Serving Institutions (CAHSI)</b> Workshop: "Graduate Interest Session" Presented to REU participants across 60+ participating institutions	<b>Remote</b> March 8, 2024
<b>Computing Alliance of Hispanic Serving Institutions (CAHSI) All Hands Meeting</b> "An Inter-Institutional Doctoral Scholars Network"	<b>Houston, TX</b> February 8, 2024
<b>CU Boulder Information Science Colloquium</b> Research Talk: "The P/politics of Data: Nonprofit End Users in HCI"	<b>Boulder, CO</b> January 30, 2024
<b>CU Boulder Information Science Seminar</b> "Blogging With Data: Partisan Divides in the Data Use of Advocacy Organizations"	<b>Boulder, CO</b> April 14, 2021
<b>Asosiasi Media Siber Indonesia - Hackathon Digital Humanities</b> Workshop 1: " <a href="#">Working with Text Data</a> "	<b>Dutch Embassy of Indonesia (Remote)</b> November 20, 2020
<b>CU Boulder Center for Research Data &amp; Digital Scholarship</b> " <a href="#">Creative El Diario</a> : An analysis of creative writing and artwork featured in 'El Diario de la Gente'"	<b>Boulder, CO</b> December, 2019

### Posters and Opinion

<b><a href="#">ATLAS Expo</a></b> " <a href="#">The 2017 Kermanshah Earthquake</a> :" An Information System Design for Improving Disaster Relief	<b>Boulder, CO</b> May, 2019
<b>AIC Opinion</b> " <a href="#">LGBTQ Rights in Iran</a> "	September, 2018

## PROFESSIONAL EXPERIENCE

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<b>Annunciation House</b> Refugee Shelter Community Volunteer	<b>El Paso, TX</b> 2022 - Present
<b>Healthcare Professionals and Allied Employees (HPAE)</b> Union Organizer	<b>Emerson, NJ</b> 2018-2019
<ul style="list-style-type: none"><li>Supported health care workers in strengthening their union to improve working conditions and patient care.</li><li>Built committees of leaders and activists to carry out collective actions including membership meetings, votes, and rallies.</li></ul>	

**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**

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- **Undergraduate Mentees:** Marisol Yake, Spring 2022 - Present; Ellory Boyd, Summer 2023,
- **Undergraduate Mentees in Classroom Setting (Spring 2020):** Kathleen Anderson, Ryan Clune, Madeline Cupchak, Max Gannett, Joel Holton, Elizabeth Kamas, Jason Kibozi-Yocka, Devin Mauro-Gallegos, Simon Naylor, Meghan O'Malley, Mehul Patel, Jack Sandberg, Troy Siegler, Ryan Tate, Abigail Temtim, Samantha Whaley
- **Lead and Coordinator:** Doctoral Scholars Network
- **Reviewer:** Journal of Transactions on Computer-Human Interaction (TOCHI) 2023
- **Reviewer:** Conference on Human Factors in Computing Systems (CHI) 2022, 2023
- **Reviewer:** Conference on Human Factors in Computing Systems Late Breaking Work (CHI-LBW) 2023
- **Reviewer:** Conference of Computer Supported Cooperative Work (CSCW) 2021, 2022, 2023, 2024
- **Reviewer:** Journal of New Media and Society (NMS) 2022, 2023, 2024
- **Grader:** INFO 4605/5605: SP 2023                      INFO 2131: FA 2021                      INFO 3101: FA 2019