

Curriculum Vitae

Yiran Duan

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<https://yiran-duan.github.io>

ACADEMIC POSITIONS

University of Colorado Boulder

Assistant teaching professor

Boulder, CO

Aug 2025 - present

EDUCATION

Syracuse University

Ph.D. in Information Science and Technology

Syracuse, NY

Aug 2019 – May 2025

Florida State University

M.A. Anthropology

Tallahassee, FL

Aug 2016 – May 2018

University of Wisconsin-Stout

Study Abroad

Menomonie, WI

Aug 2014 – May 2015

Minzu University of China

B.A. Anthropology

Beijing, China

Sep 2012 – June 2016

PROFESSIONAL EXPERIENCE

Syracuse University

Graduate Assistant

Syracuse, NY

Aug 2019 – May 2025

Mayor's Office, City of Baltimore

Coding It Forward Data Science Fellow

(hybrid) Baltimore, MD

Jun 2023 – Aug 2023

Florida Highway Patrol

Staff of the Policy, Accreditation, Inspection and Form office

Tallahassee, FL

May 2018 – May 2019

PUBLICATIONS

Peer-reviewed Journal Articles

- [J3] Joh, U., Khoury, C., Smith, A. O., **Duan, Y.**, & Hemsley, J. (2025). Climate communication in the stormy transition of Twitter to X. *Information, Communication & Society*, 1–19. <https://doi.org/10.1080/1369118X.2025.2590556>
- [J2] **Duan, Y.**, Hemsley, J., Smith, A. O., Joh, U., Gray, L., & Khoury, C. (2024). Curating Virality: Exploring Curated Logics Within #BlackLivesMatter on Twitter/X. *Social Media + Society*, 10(2). <https://doi.org/10.1177/20563051241242799>
- [J1] **Duan, Y.**, Asante-Agyei, C. O., Kelly, R., & Hemsley, J. (2024). A Practice Theory Perspective on Dribbble and the Evolving Design Industry. *Social Media + Society*, 10(1). <https://doi.org/10.1177/20563051241228601>

Book Chapters

- [B2] Gray, L., Winberry, J., & **Duan, Y.** (2024). Voices in the (Information) Wilderness: Black Feminism (s) and Informational Practices. In *Reading Workplace Dynamics: A*

Post-Pandemic Professional Ethos in Public Libraries (pp. 35-49). Emerald Publishing Limited.

- [B1] Gray, L., & **Duan, Y.** (2021). Positioning Social Justice in a Black Feminist Information Activist Community Context: A case study of African American activist-mothers in Chicago's public housing. In *Social Justice Design and Implementation in Library and Information Science*. Routledge. [PDF](#)

Peer-reviewed Conference Papers in Proceedings

- [C5] **Duan, Y.**, Khoury, C., Joh, U., Smith, A. O., Cousin, C., & Hemsley, J. (2024). Comparing Climate Change Content and Comments across Instagram Reels, TikTok, and YouTube Shorts and Long Videos. *Proceedings of the Association for Information Science and Technology*, 61(1), 103-114. [PDF](#)
- [C4] Khoury, C., Smith, A.O., Joh, U., **Duan, Y.**, & Hemsley, J. (2023). Multi-Modal Crisis Discourse and Collective Sensemaking on TikTok. *Proceedings of the Association for Information Science and Technology*, 60(1), 203-212. <https://onlinelibrary.wiley.com/doi/abs/10.1002/pra2.781>
- [C3] **Duan, Y.**, Hemsley, J., Smith, A.O., Gray, L. (2023). Left and Right Retweets! Curation Logics During Black History Month. In: *Sserwanga, I., et al. Information for a Better World: Normality, Virtuality, Physicality, Inclusivity*. iConference 2023. Lecture Notes in Computer Science, vol 13972. Springer, Cham. https://doi.org/10.1007/978-3-031-28032-0_11
- [C2] **Duan, Y.**, Hemsley, J., Kelly, R. (2022). Disrupting Design: A Multi-level Technological Transition Study of Dribbble.com. *85th Annual Meeting of the Association for Information Science & Technology*. Pittsburgh, PA, USA. [PDF](#)
- [C1] Hemsley, J., Kelly, R., **Duan, Y.** (2022). Work in Progress in Visual Design Practice: An Analysis of Changing Norms on Dribbble. *Social Media & Society Conference*. Toronto, Canada (online).

Peer-reviewed Posters

- [P4] **Duan, Y.** (2024). From YouTube to Twitter: Who Decides What to Spread about Climate Change? *The International Conference on Computational Social Science*. Philadelphia, PA.
- [P3] **Duan, Y.**, Khoury, C., & Hemsley, J. (2024). What did user talk about when they talked about climate change on Twitter. *The International Conference on Social Media & Society*. London, England.
- [P2] **Duan, Y.**, Khoury, C., Smith, A. O., Joh, U., & Hemsley, J. (2023). Comparing Crisis Communication on TikTok and YouTube: A Case Study of the 2023 California Floods. *Proceedings of the Association for Information Science and Technology*, 60(1), 949-951. [PDF](#)
- [P1] **Duan, Y.**, Hemsley, J., Smith, A., Gray, L., Gandhi, D. (2022). Who Talked About What Regarding Derek Chauvin's Trial? A Work-in-Progress Analysis. *85th Annual Meeting of the Association for Information Science & Technology*. Pittsburgh, PA, USA. [PDF](#)

Peer-reviewed Extended Abstracts

- [E2] **Duan, Y.**, Hemsley, J. Smith, A. (2023). "THIS TWEET IS UNAVAILABLE": #BLACKLIVESMATTER TWEETS DECAY. *Association of Internet Researchers Conference*. Philadelphia, PA. [PDF](#)
- [E1] **Duan, Y.**, Hemsley, J., Smith, A., Gandhi, D., Gray, L. (2022). Curating Virality: Exploring Curated Logics Within #BlackLivesMatter on Twitter. *2022 Association of Internet Researchers Conference*. Dublin, Ireland. [PDF](#)

Doctoral Colloquium

- [D1] Duan, Y. What Did Users Say About Climate Change on YouTube and Twitter. *2023 Association of Internet Researchers Conference*. Philadelphia, PA

Invited Talks

- [T1] Seminar: "Comparing Climate Change Content and Comments across Instagram Reels, TikTok, and YouTube Shorts and Long Videos"
Centre for Climate Communication & Data Science, University of Exeter October 2025

TEACHING

Instructor

INFO 4601 Information Ethics and Policy	Spring 2026
INFO 1101 Computation in Society	Spring 2026
INFO 1701 Programming for Information Science 1	Fall 2025
IST 719 Data Visualization	Fall 2024
IST 343 Data in Society	Fall 2022 & Spring 2023

Guest Lecturer

IST 400 Social Media Influencer (undergraduate class)	Spring 2023 & Spring 2024
IST 671 Research Methods for Information Studies (graduate class)	Spring 2024
The IT Girls Program at Syracuse University	July 2023

FUNDING

Funds

Laura Bassi Scholarship Partial Fee Waiver	2024
iSchool Doctoral Student Travel Fund (\$1,200)	2024
Graduate Student Organization Travel Fund (\$450)	2023
iSchool Doctoral Student Travel Fund (\$1,000)	2023

Fellowships

Coding It Forward Fellowship (\$10,000)	2023
Dr. John Ho's Endowed Graduate Fellowship (\$52,000)	2016 - 2018
National Academic Fellowship (\$1,200)	2016
UW-Stout's Chancellor's Awards for Academic Excellence (\$1,000)	2015
UW-Stout's International Student Tuition Scholarship (\$1,000)	2015

SERVICE

Committee Member

Undergraduate curriculum committee	the INFO department at CU-Boulder Fall 2025 - present
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Reviewer

Association of Internet Researchers (AOIR)	2021 - present
Association for Information Science and Technology (ASIS&T)	2021 - present
iConference	2021 - present
International Conference on Computational Social Science (IC2S2)	2024
<i>Social Media + Society</i>	2022

Student Volunteer

Society for Social Studies of Science (4S)	2021
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Community Service

iSchool PhD Students Fall Retreat Organizer	2021
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PROFESSIONAL AFFILIATIONS

Member

Women in Science and Engineering at Syracuse University (WiSE)	2022 - 2025
Association of Internet Researchers (AoIR)	2021 - present
Association for Information Science and Technology (ASIS&T)	2021 - present
iConference	2021 - present
Network Influence and Information Curation Lab at Syracuse University	2020 - present

SKILLS

Semi-structured interviews, statistics, qualitative content analysis, machine learning, social network analysis, data visualization, R, Python, Tableau

REFERENCES

Dr. Jeff Hemsley (advisor)
Interim Dean/Associate Professor
jjhemsle@syr.edu

Dr. LaVerne Gray
Assistant Professor
lgray01@syr.edu

Dr. Yiqi Li
Assitant Professor
yli360@syr.edu