

Farnaz Jahanbakhsh

Assistant Professor
University of Michigan Ann Arbor

Email: farnaz@umich.edu
URL: <https://people.csail.mit.edu/farnaz/>

Appointments

- 08/2024– **University of Michigan**, Ann Arbor, MI
Assistant Professor, Department of Electrical Engineering and Computer Science
- 2023–2024 **Stanford University**, Palo Alto, CA
Postdoctoral Fellow at the Human-Centered AI Institute (HAI) & Computer Science Department
Mentors: Michael Bernstein, Sanmi Koyejo

Research Interests

Human-Computer Interaction, Social Computing

Education

- 2017-2023 **Massachusetts Institute of Technology**, Cambridge, MA
Ph.D. in Electrical Engineering and Computer Science
Thesis: Empowering Users on Social Media for Better Content Credibility
Committee: David Karger (advisor), Arvind Satyanarayan, Adam Berinsky
- 2021 SM in Electrical Engineering and Computer Science
Minor in Linguistics
- 2015-2017 **University of Illinois at Urbana-Champaign**, Urbana, IL
M.Sc. in Computer Science
Thesis: You Want Me to Work with Who? Stakeholder Perceptions of Automated Team Formation in Project-based Courses
Advisor: Brian Bailey
- 2010-2015 **Sharif University of Technology**, Tehran, Iran
B.Sc. in Computer Engineering

Publications

* denotes co-first authors.

REFEREED CONFERENCE PAPERS

- [c.13] **Farnaz Jahanbakhsh***, Dora Zhao*, Tiziano Piccardi, Zachary Robertson, Ziv Epstein, Sanmi Koyejo, Michael Bernstein. Encoding Basic Human Values in Social Media Feed Ranking Algorithms. *Under review at ACM Conference on Human Factors in Computing Systems (CHI'25)*
- [c.12] Akaash Robert Kolluri, Renn Su, **Farnaz Jahanbakhsh**, Tiziano Piccardi, Dora Zhao, Michael Bernstein. Alexandria: A Library of Human Values for Realtime Re-Ranking of Social Media Feeds. *Under review at ACM Conference on Human Factors in Computing Systems (CHI'25)*
- [c.11] **Farnaz Jahanbakhsh**, David R. Karger. A Browser Extension for in-place Signaling and Assessment of Misinformation. *ACM Conference on Human Factors in Computing Systems (CHI'24)*
- [c.10] **Farnaz Jahanbakhsh**, Yannis Katsis, Dakuo Wang, Lucian Popa, Michael Muller. Exploring the Use of Personalized AI for Identifying Misinformation on Social Media. *ACM Conference on Human Factors in Computing Systems (CHI'23)*
- [c.9] **Farnaz Jahanbakhsh**, Amy X. Zhang, Karrie Karahalios, David R. Karger. Our Browser Extension Lets Readers Change the Headlines on News Articles, and You Won't Believe What They Did! *Proceedings of the ACM on Human-Computer Interaction (CSCW'22)*
- [c.8] **Farnaz Jahanbakhsh**, Amy X. Zhang, David R. Karger. Leveraging Structured Trusted-Peer Assessments to Combat Misinformation. *Proceedings of the ACM on Human-Computer Interaction (CSCW'22)*
- [c.7] Jumana Almahmoud, **Farnaz Jahanbakhsh**, Marc Facciotti, Michele Igo, Kamali Spirathi, Kobi Gal, David R. Karger. Designs for Directing Students' Attention in a Large-Scale Classroom Social Annotation Platform. *Proceedings of the ACM on Human-Computer Interaction (CSCW'22)*
- [c.6] **Farnaz Jahanbakhsh**, Elnaz Nouri, Robert Sim, Ryen. W. White, Adam Fourney. Understanding Questions that Arise When Working with Business Documents. *Proceedings of the ACM on Human-Computer Interaction (CSCW'22)*
- [c.5] **Farnaz Jahanbakhsh**, Gordon Pennycook, David G. Rand, Adam Berinsky, Amy X. Zhang, David R. Karger. Exploring Lightweight Interventions at Posting Time to Reduce the Sharing of Misinformation on Social Media. *Proceedings of the ACM on Human-Computer Interaction (CSCW'21)*
- [c.4] **Farnaz Jahanbakhsh**, Justin Cranshaw, Scott Counts, Walter Lasecki, Kori Inkpen. An Experimental Study of Bias in Platform Worker Ratings: The Role of Performance Quality and Gender. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI'20)*
- [c.3] **Farnaz Jahanbakhsh**, Ahmed Hassan Awadallah, Susan T. Dumais, Xuhai Xu. Effects of Past Interactions on User Experience with Recommended Documents. *Proceedings of the 2020 Conference on Human Information Interaction and Retrieval (CHIIR'20)*
- [c.2] Emily Hastings*, **Farnaz Jahanbakhsh***, Karrie Karahalios, Darko Marinov, Brian Bailey. Structure or Nurture? The Effects of Team-Building Activities and Team Composition on Team Outcomes. *Proceedings of the ACM on Human-Computer Interaction (CSCW'18)*
- [c.1] **Farnaz Jahanbakhsh**, Wai-Tat Fu, Karrie Karahalios, Darko Marinov, Brian Bailey. You Want Me to Work with Who? Stakeholder Perceptions of Automated Team Formation in Project-based Courses. *ACM Conference on Human Factors in Computing Systems (CHI'17) Best Paper Award*

REFEREED SHORT PAPERS AND EXTENDED ABSTRACTS

- [s.2] Dilrukshi Gamage*, James Stomber*, **Farnaz Jahanbakhsh***, Bill Skeet, Gautam Kishore Shahi. Designing Credibility Tools To Combat Mis/Disinformation: A Human-Centered Approach. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI'22)*
- [s.1] Xuhai Xu, Ahmed Hassan Awadallah, Susan T. Dumais, Farheen Omar, Bogdan Popp, Robert Rounthwaite, **Farnaz Jahanbakhsh**. Understanding User Behavior For Document Recommendation. *Proceedings of The Web Conference 2020 (WWW'20)*

DOCTORAL DISSERTATION

- [d.1] **Farnaz Jahanbakhsh.** Empowering Users on Social Media for Better Content Credibility. *PhD diss., Massachusetts Institute of Technology, 2023.*

DOCTORAL CONSORTIUM

- [dc.1] **Farnaz Jahanbakhsh.** Putting Users in Control of Social Platforms for Better Content Credibility. *Proceedings of the ACM Conference on Human-Computer Interaction (CSCW'22)*

WORKSHOP PAPERS, NON-ARCHIVAL PAPERS, POSTERS

- [w.3] Ziv Epstein, Michael S. Bernstein, Tiziano Piccardi, Johan Ugander, Sanmi Koyejo, Isabel O. Gallegos, Dora Zhao, Zachary Robertson, **Farnaz Jahanbakhsh.** Measuring the Expression of Basic Values in Social Media. *International Conference on Computational Social Science 2024 (IC2S2'24)*
- [w.2] Isabel O. Gallegos, Ziv Epstein, **Farnaz Jahanbakhsh,** Tiziano Piccardi, Dora Zhao, Johan Ugander, Michael Bernstein. Identifying Basic Human Values in Social Media Posts with Large Language Models. *ACM on Human-Computer Interaction (CHI'24)*
- [w.1] **Farnaz Jahanbakhsh,** Amy X. Zhang, David R. Karger. Surfacing Trust, Assessment, and Provenance for Better News Sharing. *ACM on Human-Computer Interaction (CHI'21)*

Invited Talks

- 2023 Google Jigsaw
- 2023 Interactive Computing Seminar at University of California San Diego, Computer Science and Engineering Department
- 2022 Computer Science Ethics class, Saint Mary's College of California
- 2022 Workshop on Co-Development of Computer Science and Law: Content Moderation |NJ
- 2021 Private Ordering Observatory at the Leibniz Institute for Media Research |Hans-Bredow-Institut in Germany, Online

Industry Experience

- Summer 2022 Research Intern, **IBM Research,** Almaden, CA
Mentors: Dakuo Wang, Yannis Katsis, Lucian Popa, Michael Muller
- Summer 2020 Research Intern, **Microsoft Research,** Redmond, WA
Mentors: Adam Fourney, Ryen White, Robert Sim, Elnaz Nouri
- Summer 2019 Research Intern, **Microsoft Research,** Redmond, WA
Mentors: Susan Dumais, Ahmed Hassan Awadallah
- Summer 2018 Research Intern, **Microsoft Research,** Redmond, WA
Mentors: Justin Cranshaw, Kori Inkpen, Scott Counts

Selected Honors and Awards

- 2019 Neekeyfar Fund Award, Office of Graduate Education, MIT
- 2017 Best Paper Award at the ACM Conference on Human Factors in Computing Systems (CHI), 2017
- 2017 Feng Chen Memorial Award, Department of Computer Science, UIUC, 2017

Teaching

Instructor, University of Michigan

- 5.93 Human-Computer Interaction

Recitation Instructor, MIT

- 6.033 Computer System Engineering: Spring 2021 (K. LaCurts)

Teaching Assistant, MIT

- 6.S082 Design for the Web: Spring 2020, Spring 2023 (D. Karger & L. Verou)

Teaching Assistant, UIUC

- Computer Architecture: Fall 2016 (C. Zilles)

Teaching Assistant, Sharif University of Technology

- Compiler Design and Automata (Fall 2015), Digital System Design (Spring 2014, Fall 2013), Computer Architecture (Fall 2015, Spring 2014), Digital Logic Design (Spring 2014, Spring 2013), Spring 2012, Operating Systems (Spring 2013), Advanced Programming (Spring 2012–Head TA), Introduction to Programming (Fall 2013, Fall 2011)

Professional Activities

Program Committee

- 2025 ACM CHI
- 2024 ICWSM workshop: Reliable Evaluation of LLMs for Factual Information (REAL-Info)
- 2024 NAACL workshop: Data Science with Human in the Loop
- 2022 ACM CHI workshop: Designing for Mis/Disinformation (co-organizer)

Organizations

- 2018-2019 Elected Vice President of Student Life at the Graduate Student Association (GSA), MIT EECS
- Spring 2017 Facilitator at the GIRLS WHO CODE club, UIUC

Reviewer

- UIST'24, CHI'24, CSCW'24, IMX'24, CSUR'23, CSCW'23, CHI'23, TOCHI'23, DIS'23, CHI'22, CSCW'22, TOCHI'22, UIST'22, CSCW'21, CHI'21, CSCW'20, TOCHI'20
Recognition for Outstanding Review: UIST'24, CSCW'24 January, CHI'24, CHI'23, CSCW'21 January