

Education

Carnegie Mellon University, Pittsburgh, PA, USA

Aug 2023–present

PhD in Human-Computer Interaction

Guru Gobind Singh Indraprastha University, Delhi, India

2015-2019

Bachelor of Technology in Computer Science

Experience

Human-Computer Interaction Institute, Pittsburgh, USA

Aug 2023–present

PhD Student, Tech Solidarity Lab

Microsoft Research, New York City, NY, USA

Summer 2024

Research Intern, FATE Research Group

Weizenbaum Institute, Berlin, Germany (Remote)

Summer 2023

Research Fellow, Data, Algorithmic Systems, and Ethics Group

Google Research India, Bangalore, India

May 2020–May 2023

Pre-doctoral Researcher, Technology, AI, Society and Culture Team

Indraprastha Institute of Information Technology, Delhi, India

July 2019–March 2020

Research Associate, Melange Lab

Indian Institute of Technology, Hyderabad, India

Summer 2018

Research Intern, Regenerative Medicine Lab

Publications

1. **Shivani Kapania**, Stephanie Ballard, Alex Kessler, and Jennifer Wortman Vaughan. "Examining the Expanding Role of Synthetic Data Throughout the AI Development Pipeline." In *Proceedings of the 2025 ACM Conference on Fairness, Accountability, and Transparency*. FAccT 2025.
2. **Shivani Kapania**, William Agnew, Motahhare Eslami, Hoda Heidari, and Sarah E. Fox. "Simulacrum of Stories: Examining Large Language Models as Qualitative Research Participants." In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems*, CHI 2025. [Best Paper Honorable Mention](#).

3. Nuredin Ali Abdelkadir, Tianling Yang, **Shivani Kapania**, Meron Estefanos, Fasica Berhane Gebrekidan, Zecharias Zelalem, Messai Ali et al. "The Role of Expertise in Effectively Moderating Harmful Social Media Content." In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems*. CHI 2025.
4. **Shivani Kapania***, Ruiyi Wang*, Toby Jia-Jun Li, Tianshi Li, and Hong Shen. "I'm Categorizing LLM as a Productivity Tool': Examining Ethics of LLM Use in HCI Research Practices." In *Proceedings of the ACM on Human-Computer Interaction* 9, no. 2. CSCW 2025.
5. Michael Madaio, **Shivani Kapania**, Rida Qadri, Ding Wang, Andrew Zaldivar, Remi Denton, and Lauren Wilcox. "Learning about Responsible AI on-the-job: Learning Pathways, Orientations, and Aspirations." In *Proceedings of the 2024 ACM Conference on Fairness, Accountability, and Transparency*, FAccT 2024. [Best Paper Award](#).
6. **Shivani Kapania**, Alex S. Taylor, and Ding Wang. "A hunt for the snark: Annotator diversity in data practices." In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems*, CHI 2023. [Best Paper Honorable Mention](#).
7. Qiaosi Wang, Michael Madaio, Shaun Kane, **Shivani Kapania**, Michael Terry, and Lauren Wilcox. "Designing Responsible AI: Adaptations of UX Practice to Meet Responsible AI challenges." In *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems*, CHI 2023.
8. **Shivani Kapania**, Oliver Siy, Gabe Clapper, Azhagu Meena Sp, and Nithya Sambasivan. "'Because AI is 100% right and safe': User Attitudes and Sources of AI Authority in India." In *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems*. CHI 2022.
9. Azhagu Meena SP, Rajesh Veeraraghavan, **Shivani Kapania**, Vinodkumar Prabhakaran, Vivek Srinivasan, and Nithya Sambasivan. "Inheriting Discrimination: Datafication Encounters of Marginalized Workers." In *Proceedings of the 2022 International Conference on Information and Communication Technologies and Development*. ICTD 2022.
10. Nithya Sambasivan, **Shivani Kapania**, Hannah Highfill, Diana Akrong, Praveen Paritosh, and Lora M. Aroyo. "'Everyone wants to do the model work, not the data work': Data Cascades in High-Stakes AI." In *proceedings of the 2021 CHI Conference on Human Factors in Computing Systems*. CHI 2021. [Best Paper Award](#).
11. Ayushi Srivastava*, **Shivani Kapania***, Anupriya Tuli*, and Pushpendra Singh. "Actionable UI Design Guidelines for Smartphone Applications Inclusive of Low-literate Users." In *Proceedings of the ACM on Human-Computer Interaction*, no. 1. CSCW 2021.
12. **Shivani Kapania**, Dharmender Saini, Sachin Goyal, Narina Thakur, Rachna Jain, and Preeti Nagrath. "Multi object tracking with UAVs using deep SORT and YOLOv3 RetinaNet detection framework." In *Proceedings of the 1st ACM Workshop on Autonomous and Intelligent Mobile Systems*. ACM AIMS 2020.

Community Service

Reviewing

ACM Conference on Human Factors in Computing Systems (CHI)	2021-Present
ACM Conference on Computer-Supported Cooperative Work (CSCW)	2021, 2022, 2024
ACM Conference on Designing Interactive Systems (DIS)	2022, 2023
ACM Conference on Fairness, Accountability and Transparency (FAccT)	2024, 2025

Workshop/Panel Organizer

The Future of Machine Learning Data Practices and Repositories, <i>International Conference on Learning Representations (ICLR)</i>	2025
Scale, Engage, or Both?: Potential and Perils of Applying Large Language Models in Interview and Conversation-Based Research; <i>ACM CSCW</i>	2025
User Engagement in Algorithm Testing and Auditing: Exploring Opportunities and Tensions between Practitioners and End Users, <i>ACM FAccT CRAFT</i>	2023

Program Committee

ACM Conference on Fairness, Accountability and Transparency (FAccT)	2024-Present
ACM Conference on Human Factors in Computing Systems (CHI), Late Breaking Work	2023, 2024
Web Chair, AAAI Conference on Human Computation (HCOMP)	2024

Invited Talks and Panels

Scale, Engage, or Both?: Potential and Perils of Applying Large Language Models in Interview and Conversation-Based Research; <i>ACM CSCW</i>	CSCW 2025
Critical Perspectives on the use of Large Language Models for Qualitative Research, <i>Northeastern University</i>	2024
What's in a pre-doc?, <i>CU Boulder</i>	2024
Data Work for Machine Learning, <i>Nokia Bell Labs, Google Crowdsourcing</i>	2024, 2022

Awards and Recognition

Reviewing Recognitions at CHI 2025, CHI 2024, CHI 2023, CHI 2022, and CSCW 2022

Winner, Smart India Hackathon 2019 for our project on wind and solar energy prediction

Undergraduate Department Rank 1 among 120 students in Computer Science

Nomination for best student of the year in CS by 9 out of 11 faculty members in the Computer Science department for academic excellence and community contributions