

# Farhana Shahid

✉ fs468@cornell.edu | 🏠 farhana-shahid.github.io

## Research Interests

I am a Human-Computer Interaction researcher examining online harms, trust, and safety issues in the Majority World. I design culturally-aware content moderation systems to enable equitable outcomes for Global users.

## Education

### Ph.D. in Information Science

CORNELL UNIVERSITY

2021 – Present

Advisor: Aditya Vashistha

### M.Sc. in Information Science

CORNELL UNIVERSITY

2021 – 2024

Advisor: Aditya Vashistha

### M.Sc. in Computer Science and Engineering

BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY

2017 – 2019

Advisor: A. B. M. Alim Al Islam

### B.Sc. in Computer Science and Engineering

BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY

2013 – 2017

Advisor: A. B. M. Alim Al Islam

## Appointments

### Center for Democracy and Technology

RESEARCH INTERN

Washington DC

Jun 2024 – Aug 2024

### Cornell University

GRADUATE RESEARCH ASSISTANT

GRADUATE TEACHING ASSISTANT

Ithaca, New York

2021 – Present

2021 – Present

### Brac University

LECTURER

Dhaka, Bangladesh

May 2018 – May 2021

### Eastern University

LECTURER

Dhaka, Bangladesh

Sep 2017 – Apr 2018

## Academic Awards and Honors

- 2024 **Best Student Paper**, Social Media and Society in India
- 2024 **Outstanding PhD Service Award**, Cornell Information Science
- 2024 **Outstanding Teaching Award**, Cornell Information Science
- 2022 **Finalist: HCI - Social Media, People, and Society**, Meta PhD Research Fellowship
- 2020 **Distinguished Paper Award (Top 3%)**, IMWUT Volume 3
- 2020 **Honorable Mention Award (Top 5%)**, CSCW2020
- 2016 **University Merit Scholarship**, Bangladesh University of Engineering and Technology
- 2015 **Dean's List Award**, Bangladesh University of Engineering and Technology
- 2015 **First runner up: Poster Presentation Session**, Esonance, Islamic University of Technology
- 2012 **Champion: Science Olympiad**, Inter College Science Festival, Holy Cross College
- 2011 **First runner up**, 4th Bangladesh Chemistry Olympiad
- 2011 **Secondary School Merit Scholarship**, Education Board of Dhaka

## Publications

### REFEREED CONFERENCE AND JOURNAL PUBLICATIONS

1. **Farhana Shahid**, Mona Elswah, and Aditya Vashistha. Think Outside the Data: Colonial Biases and Systemic Issues in Automated Moderation Pipelines for Low-Resource Languages. To appear in *AIES* 2025.
2. **Farhana Shahid**, Maximilian Dittgen, Mor Naaman, and Aditya Vashistha. Examining Human-AI Collaboration for Co-Writing Constructive Comments Online. To appear in *CSCW* 2025.

3. **Farhana Shahid**, Dhruv Agarwal and Aditya Vashistha. 2025. One Style Does Not Regulate All: Moderation Practices in Public and Private WhatsApp Groups. In *Proceedings of the ACM on Human-Computer Interaction*. Vol. 9, No. CSCW2, Article 144 (April 2025) 🏆 **SMSI Best Student Paper**
4. Dhruv Agarwal, **Farhana Shahid**, and Aditya Vashistha. 2024. Conversational Agents to Facilitate Deliberation on Harmful Content in WhatsApp Groups. 2024. In *Proceedings of the ACM on Human-Computer Interaction*. Vol. 8, No. CSCW2, Article 491 (November 2024).
5. **Farhana Shahid** and Aditya Vashistha. 2023. Decolonizing Content Moderation: Does Uniform Global Community Standard Resemble Utopian Equality or Western Power Hegemony? In *CHI Conference on Human Factors in Computing Systems (CHI 2023)*.
6. **Farhana Shahid**, Srujana Kamath, Annie Sidotam, Vivian Jiang, Alexa Batino, and Aditya Vashistha. 2022. "It Matches My World-view": Examining Perceptions and Attitudes Around Fake Videos. In *CHI Conference on Human Factors in Computing Systems (CHI 2022)*.
7. **Farhana Shahid**, Shrirang Mare, and Aditya Vashistha. 2022. Examining Source Effects on Perceptions of Fake News in Rural India. 2022. In *Proceedings of the ACM on Human-Computer Interaction*. Vol. 6, No. CSCW1, Article 89 (April 2022).
8. **Farhana Shahid**, Wasifur Rahman, Mohammad Saifur Rahman, Sharmin Akther Purabi, Ayesha Seddiqa, Moin Mostakim, Farhan Feroz, Tanjir Rashid Soron, Fahmida Hossain, Nabila Khan, Anika Binte Islam, Nipi Paul, Ehsan Hoque, and A. B. M. Alim Al Islam. 2020. Leveraging Free-Hand Sketches for Potential Screening of PTSD. In *Proceedings of the ACM on Interactive Mobile, Wearable and Ubiquitous Technologies*. Vol. 4, No. 3, Article 94 (September 2020).
9. **Farhana Shahid**, Shahinul Hoque Ony, Takrim Rahman Albi, Sriram Chellappan, Aditya Vashistha, and A. B. M. Alim Al Islam. 2020. Learning from Tweets: Opportunities and Challenges to Inform Policy Making During Dengue Epidemic. In *Proceedings of the ACM on Human-Computer Interaction*. Vol. 4, No. CSCW1, Article 65 (May 2020). 🏆 **CSCW Honorable Mention Award (Top 5%)**
10. **Farhana Shahid**, Wasifur Rahman, Anika Binte Islam, Nipi Paul, Nabila Khan, Mohammad Saifur Rahman, Md Munirul Haque, and A. B. M. Alim Al Islam. 2019. Two Tell-tale Perspectives of PTSD: Neurobiological Abnormalities and Bayesian Regulatory Network of the Underlying Disorder in a Refugee Context. In *Proceedings of the ACM on Interactive Mobile, Wearable and Ubiquitous Technologies*. Vol. 3, No. 3, Article 101 (September 2019). 🏆 **IMWUT Distinguished Paper Award (Top 3%)**

## Teaching Experience

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### TEACHING ASSISTANT

- Technology for Underserved Communities (Spring 2023)
- Computing and Global Development (Fall 2024, Spring 2024, Fall 2022, Fall 2021)

### COURSE INSTRUCTOR

- Computer Graphics (Spring 2021, Fall 2020, Summer 2020, Spring 2020, Fall 2019, Summer 2019, Spring 2019, Spring 2018)
- Pattern Recognition (Fall 2020, Summer 2020)
- Artificial Intelligence (Spring 2020, Fall 2019)
- Object Oriented Programming (Fall 2019, Summer 2019, Spring 2019, Fall 2018, Summer 2018)
- Digital Logic Design (Spring 2020, Summer 2018)
- Algorithms (Summer 2019, Fall 2019, Summer 2018)
- Data Structures (Summer 2019, Summer 2018)
- Operating Systems (Spring 2018, Fall 2017)
- Mathematical Analysis for Computer Science (Fall 2017)

### COURSE COORDINATOR

- Computer Graphics (Spring 2021, Fall 2020, Spring 2020, Fall 2019)
- Pattern Recognition (Fall 2020, Summer 2020)
- Artificial Intelligence (Summer 2020, Spring 2020, Fall 2019)
- Object Oriented Programming (Fall 2020, Fall 2019)

### MENTORING

#### Undergraduate Students

- Stella Zhang (Cornell University)
- Sophia Pan (Cornell University)
- Maximilian Dittgen (Cornell University)
- Alif Abdullah (Cornell University)
- Juju Jean-Jacques (Cornell University)
- Richlove Nkansah (Cornell University)
- Shahinul Hoque Ony (Brac University)
- Takrim Rahman Albi (Brac University)

## Selected Talks

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### Human-AI Collaboration to Contest Harmful Content Across Diverse Cultures and Group Dynamics

2025	Design Lab, University of California, San Diego
2025	Security and Privacy Seminar, University of Wisconsin-Madison
2025	HCI Seminar, Columbia University

### Coloniality and Systemic Issues in Content Moderation Infrastructures

2025	ICT & Global Development, Georgia Tech
2025	Cornell-Syracuse South Asia Consortium

### Unpacking platform-led and user-led moderation on Meta's platforms through the experiences of the Majority World users

2024	Social Computing Research Lab, University of Michigan
2024	HCI Graduate Seminar, University of California, Berkeley
2024	Antisocial Computing, University of California, San Diego

## Services

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### UNIVERSITY SERVICE

2024–25	Graduate Mentor, OADI GSMU Program, Cornell University
2024–25	Student Representative in Faculty Hiring, Information Science, Cornell University
2022–24	Information Science PhD Seminar Coordinator, Cornell University
2021–22	Vice President, Information Science Graduate Student Association, Cornell University
2019–20	AI, ML, and NLP undergraduate thesis panel, Brac University

### PROGRAM COMMITTEE

2024–25	ACM COMPASS
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### REVIEWER

2023–24	<b>Special recognition for outstanding reviews in CSCW and CHI</b>
2020–25	ACM Human Factors in Computing Systems (CHI)
2021–25	ACM Computer Supported Cooperative Work and Social Computing (CSCW)
2022–25	ACM SIGCAS Computing and Sustainable Societies (COMPASS)
2022–23	ACM Transactions on Computer-Human Interaction (TOCHI)
2020	ACM Transactions on Computing for Healthcare

### ORGANIZING COMMITTEE

2021–22, 24	SV Social Co-chair, CSCW and CHI
2022	Publicity Co-chair, ACM COMPASS
2018	5 <sup>th</sup> Eastern University Math Olympiad, Eastern University

### VOLUNTEER

2025	ACM FAccT, Thought Summit: LLMs and Society
2023–24	ACSU Research Night, Cornell University
2021–24	CHI, CSCW
2021	UbiComp, Asia-Oceania Accessibility Workshop
2015	National High School Programming Contest, BUET