

PRANAV KHADPE

Ph.D. Student, Human-Computer Interaction Institute
School of Computer Science
Carnegie Mellon University

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INTERESTS

HCI Areas social computing · AI-mediated communication · human-AI interaction
Social Cognition perspective taking · mental state inferences · impression formation · norms · folk explanations
Concepts of behavior
Problem Domains improving local and civic participation · creating inclusive spaces · anticipating how AI systems will impact human relationships

EDUCATION

2020– **Carnegie Mellon University**
Ph.D. in Human-Computer Interaction
Committee: Chinmay Kulkarni (co-advisor), Geoff Kaufman (co-advisor), Karrie Karahalios, Jason Hong
2015–2020 **Indian Institute of Technology Kharagpur**
B.Tech. & M.Tech. in Electrical Engineering, Minor in Computer Science and Engineering

RESEARCH & INDUSTRY EXPERIENCE

2023 **Human Understanding and Empathy Group, Microsoft Research Redmond**
Research Intern
Advisors: Jina Suh & Shamsi Iqbal
2019 **Human-Computer Interaction Group, Stanford University**
Research Intern
Advisors: Michael Bernstein & Ranjay Krishna
2018 **Multilingual Systems Group, Microsoft Research India**
Research Intern
Advisor: Monojit Choudhury

HONORS & AWARDS

2023 **Best Paper Honorable Mention, CHI**
2020 **Best Paper Honorable Mention, CSCW**
2020 **3rd rank among graduating students in Electrical Engineering, IIT Kharagpur.**
2019 **S.N. Bose Scholarship** to support my visit to Stanford University.

PUBLICATIONS

Top-tier venues in human-computer interaction include ACM conferences such as CHI, and CSCW. In 2018, CSCW transitioned to a hybrid journal structure and renamed itself Proceedings of the ACM: CSCW.

An asterisk (*) indicates co-first authorship: these authors contributed equally to the work.

MANUSCRIPTS AND PRE-PRINTS

- M1 **Pranav Khadpe***, Kimi Wenzel*, George Loewenstein, Chinmay Kulkarni, Geoff Kaufman. “AI-Mediated Communication Revisited: Whether or Not Perceived AI Use Leads to Lower Warmth Judgments Depends on Message Type”. (under review). 2024. URL: <https://drive.google.com/file/d/1ADpppFfQG2Yx080pRksDc82jY7bRMZhJ/view?usp=sharing>.

REFEREED CONFERENCE & JOURNAL PAPERS

- P8 **Pranav Khadpe***, Olivia Xu*, Chinmay Kulkarni, Geoff Kaufman. “Hug Reports: Supporting Expression of Appreciation between Users and Contributors of Open Source Software Packages”. In: *Proc. ACM Hum.-Comput. Interact.* CSCW1 (2025). (to appear). URL: <https://doi.org/10.48550/arXiv.2407.20390>.
- P7 **Pranav Khadpe**, Lindy Le, Kate Nowak, Shamsi T Iqbal, Jina Suh. “DISCERN: Designing Decision Support Interfaces to Investigate the Complexities of Workplace Social Decision-Making With Line Managers”. In: *Proceedings of the CHI Conference on Human Factors in Computing Systems*. 2024, pp. 1–18. URL: <https://doi.org/10.1145/3613904.3642685>.
- P6 Yasmine Kotturi, Jenny Yu*, **Pranav Khadpe***, Erin Gatz, Harvey Zheng, Sarah E Fox, Chinmay Kulkarni. “Peerdea: Co-Designing a Peer Support Platform with Creative Entrepreneurs”. In: *Proceedings of the ACM on Human-Computer Interaction* 8.CSCW1 (2024), pp. 1–24. URL: <https://doi.org/10.1145/3637384>.
- P5 Shreya Bali, **Pranav Khadpe**, Geoff Kaufman, Chinmay Kulkarni. “Nooks: Social Spaces to Lower Hesitations in Interacting with New People at Work”. In: *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems*. 2023, pp. 1–18. URL: <https://doi.org/10.1145/3544548.3580796>.
Best Paper Honorable Mention (5% of submissions).
- P4 **Pranav Khadpe**, Chinmay Kulkarni, Geoff Kaufman. “Empathosphere: Promoting Constructive Communication in Ad-Hoc Virtual Teams through Perspective-Taking Spaces”. In: *Proc. ACM Hum.-Comput. Interact.* 6.CSCW1 (2022). URL: <https://doi.org/10.1145/3512902>.
- P3 Anshul Bawa, **Pranav Khadpe**, Pratik Joshi, Kalika Bali, Monojit Choudhury. “Do Multilingual Users Prefer Chat-bots that Code-mix? Let’s Nudge and Find Out!” In: *Proceedings of the ACM on Human-Computer Interaction* 4.CSCW1 (2020). URL: <https://doi.org/10.1145/3392846>.

- P2 **Pranav Khadpe**, Ranjay Krishna, Li Fei-Fei, Jeffrey T Hancock, Michael S Bernstein. “Conceptual metaphors impact perceptions of human-ai collaboration”. In: *Proceedings of the ACM on Human-Computer Interaction* 4.CSCW2 (2020). URL: <https://doi.org/10.1145/3415234>.
Best Paper Honorable Mention (5% of submissions).
- P1 Junwon Park, Ranjay Krishna, **Pranav Khadpe**, Li Fei-Fei, Michael Bernstein. “AI-based request augmentation to increase crowdsourcing participation”. In: *Proceedings of the AAAI Conference on Human Computation and Crowdsourcing*. Vol. 7. 2019, pp. 115–124. URL: <https://doi.org/10.1609/hcomp.v7i1.5282>.

RESEARCH GRANTS

SUBMITTED

- 2024 **Shifting the Blame? Determinants and measures of anthropomorphic attributions toward AI systems**
Funding Body: Block Center for Technology and Society
Investigators: Geoff Kaufman, Pranav Khadpe, Alicia DeVrio, Ken Holstein

AWARDED

Awarded grants written with my Ph.D. advisors

- 2023 **Encouraging Expression of Appreciation to Improve Inclusion in Open Source**
Funding Body: Google - Award for Inclusion Research Program
Investigators: Chinmay Kulkarni (PI)
Amount: \$60,000
- 2022-2023 **Rapid Organizational Assimilation in On-demand Work through Social Learning**
Funding Body: National Science Foundation - Future of Work at the Human-Technology Frontier
Investigators: Chinmay Kulkarni (PI), Geoff Kaufman (Co-PI)
Amount: \$150,000

TEACHING

TEACHING ASSISTANTSHIPS

- Fall 2023 **Programming Usable Interfaces, CMU**
with instructor Alexandra Ion
05 – 430/630
- Fall 2022 **Designing Human-Centered Software, CMU**
with instructor Patrick Carrington
05 – 391/891
- Spring 2020 **Measurements and Electronic Instruments Laboratory, IIT Kharagpur**
with instructor Sk. Mohammadul Haque
EE29004
- Spring 2021 **Signals and Networks Laboratory, IIT Kharagpur**
with instructor Anirban Mukherjee
EE29001

OTHER TEACHING EXPERIENCE

2017-2018 **Shadow Tutor, Signals and Networks, IIT Kharagpur**
conducted tutoring sessions organized by the Electrical Engineering Society, IIT Kharagpur.

GUEST LECTURES

2024 INST878J, Accessible Computer Mediated Communication, University of Maryland
2023 05-820, Social Web: Content, Communities, and Context, Carnegie Mellon University
2022 05-391/891, Designing Human-Centered Software, Carnegie Mellon University

MENTORING

2024– **Lindy Le**, PM at Microsoft, co-authored P7
2024– **Anna Gu**, CMU CS undergrad
2022–2023 **Olivia Xu**, CMU CS undergrad, co-authored P8
Next: Amazon
2021–2023 **Shreya Bali**, CMU CS undergrad, co-authored P5
Next: Databricks → Ph.D. at CMU HCII

PROFESSIONAL SERVICE

EXTERNAL SERVICE

Conference Program Committees

2024 Associate Chair, ACM Conference on Human Factors in Computing (CHI) Late Breaking Work

Reviewer

2021– ACM Conference on Human Factors in Computing (CHI)
2024– ACM SIGCHI Conference on Designing Interactive Systems (DIS)
2021– ACM Conference on Computer Supported Collaborative Work (CSCW)
2023 ACM Symposium on User Interface Software and Technology (UIST)
2023 Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)
2023 New Media and Society

Special Recognitions for Outstanding Reviews: DIS 2024, CHI 2024 (2 times), CHI 2023 (2 times)

UNIVERSITY SERVICE

2024 **Admissions Committee, HCII Summer REU Program, CMU**
2020-2021 **Co-organizer, Social Computing Reading Group, CMU**
2020 **Mentor, Graduate Application Support Program, CMU**

SELECTED PRESS

2023 **CMU SCS News**. “Reviving Office Chatter”, by Kayla Papakie.
2021 **Wall Street Journal**. “Consumers Like Chatbots to Be Smart—but Not Too Smart”, by Cheryl Winokur Munk.