Karthik S Bhat

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EDUCATION

Georgia Institute of Technology, Atlanta, GA, USA   2018–*present*
PhD in Human-Centered Computing

National Institute of Technology Karnataka, Surathkal, India   2012–2016
B.Tech in Information Technology

EXPERIENCE

Georgia Institute of Technology, Atlanta, GA, USA   Aug 2018–*present*
Research Assistant, Tandem Lab

ARMMAN, Mumbai, MH, India   June 2023–Aug 2023
Research Intern, Maternal and Child Health Team

Microsoft Research, Bangalore, KA, India   May 2022–Aug 2022
Research Intern, Technology and Empowerment Group

Microsoft Research, Redmond, WA, USA   May 2021–Aug 2021
Research Intern, Medical Experiences & Design, Global Health Access Teams

United Nations University Institute in Macau, Macau SAR, China   Aug 2016–July 2018
Research Assistant, Migrant Tech Lab and Small Data Lab

Indian Institute of Technology, Ropar, India   May 2014–July 2014
Summer Research Fellow

AWARDS, GRANTS, & RECOGNITIONS

Finalist, Foley Scholars Award (highest departmental student award), Georgia Tech   2022, 2023

Special Recognition for Outstanding Reviews (received 6 times for CHI, CSCW, and CUI)   2023

Small Grant for Research at Georgia Tech, coauthored with Neha Kumar as PI ($5,000)   2023

Google Research Grant, coauthored with Neha Kumar as PI ($10,000)   2022

Best Paper Honorable Mention, CSCW   2021

Best Paper Award, CSCW   2020

Mozilla Research Grant, coauthored with Neha Kumar as PI ($25,000)   2019

Indian Academy of Sciences - Summer Research Fellowship   2014

PUBLICATIONS

Peer-Reviewed Journal and Conference Articles
* authors were equal contributors

1. **Karthik S. Bhat**, Neha Madhiwalla, and Neha Kumar. "Fatherhood is a Unique Experience": Visibilizing and Contextualizing Paternal Care Work. *(in submission at CHI 2024)*

2. Azra Ismail, Poojita Garg, **Karthik S. Bhat**, Mohit Jain, and Neha Kumar. Sehat Sakhi: On Chatbot Design for Maternal and Child Care. *(in submission at CHI 2024)*

3. **Karthik S. Bhat**, Neha Kumar, Karthik Shamanna, Nipun Kwatra, and Mohit Jain. (2023). Towards Intermediated Workflows for Hybrid Telemedicine. *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI 2023)*

4. Hannah Tam*, **Karthik S. Bhat***, Priyanka Mohindra, and Neha Kumar. (2023). Learning to Navigate Health Taboos through Online Safe Spaces. *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI 2023)*

5. Anupriya Tuli*, Azra Ismail*, **Karthik S. Bhat***, Pushpendra Singh, and Neha Kumar. (2023). "Information-Backward but Sex-Forward": Navigating Masculinity towards Intimate Wellbeing and Heterosexual Relationships. *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI 2023)*

6. **Karthik S. Bhat**, Amanda Hall, Tiffany Kuo, and Neha Kumar. (2023). "We are half-doctors": Family Caregivers as Boundary Actors in Chronic Care Management. *Proc. ACM Hum.-Comput. Interact. 7, CSCW1, Article 111 (April 2023)*

7. **Karthik S. Bhat**, Mohit Jain, and Neha Kumar. 2021. Infrastructuring Telehealth in (In)Formal Patient-Doctor Contexts. *Proc. ACM Hum.-Comput. Interact. 5, CSCW2, Article 323 (October 2021)*
    Honorable Mention Award

8. Savanthi Murthy, **Karthik S. Bhat**, Sauvik Das, and Neha Kumar. 2021. Individually Vulnerable, Collectively Safe: The Security and Privacy Practices of Households with Older Adults. *Proc. ACM Hum.-Comput. Interact. 5, CSCW1, Article 138 (April 2021)*

9. **Karthik S. Bhat** and Neha Kumar. 2020. Sociocultural Dimensions of Tracking Health and Taking Care. *Proc. ACM Hum.-Comput. Interact. 4, CSCW2, Article 129 (October 2020)*
    Best Paper Award

10. Mamello Thinyane, **Karthik Bhat**, Lauri Goldkind, and Vikram Kamath Cannanure. 2020. The messy complexities of democratic engagement and empowerment in participatory design – an illustrative case with a community-based organization. *In CoDesign, 16:1, 29-44.*

11. Hannah Thinyane and **Karthik S. Bhat**. 2019. Apprise: Supporting the Critical-Agency of Victims of Human Trafficking in Thailand. *In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems (CHI 2019)*

12. Hannah Thinyane, **Karthik Bhat**, Don Junio, Ju Bei, and Catriona Craven-Matthews. 2018. Migrant Workers' Use of ICTs in Unacceptable Forms of Work. *In Proceedings of the 10th Conference of the International Development Informatics Association (IDIA 2018)*

13. Mamello Thinyane, **Karthik Bhat**, Lauri Goldkind, and Vikram Kamath Cannanure. 2018. Critical Participatory Design: Reflections on engagement and empowerment in a case of a Community Based Organization. *In Proceedings of the 15th Participatory Design Conference: Full Papers - Volume 1 (PDC '18). Association for Computing Machinery, New York, NY, USA, Article 2, 1–10.*

14. Andrés Moreno, Philip Garrison, and **Karthik Bhat**. 2017. WhatsApp for Monitoring and Response during Critical Events: Aggie in the Ghana 2016 Election. *In the 14th International Conference on Information Systems for Crisis Response and Management (ISCRAM 2017)*

15. **Karthik Bhat**, Andrés Moreno, Michael L. Best. 2018. Collaborative Information Seeking through Social Media Updates in Real-Time. *In the ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR 2018)*

16. Dhruv Chand, Sunil Nayak, **Karthik S. Bhat**, Shivani Parikh, Yuvraj Singh, and Amita Ajith Kamath. 2015. A Mobile Application for Women's Safety - WoSApp". *In Proceedings of the IEEE Region 10 Conference (TENCON 2015)*

17. Karthik Senthil, **Karthik S. Bhat**, Nitin Jamadagni, Sudeep Sureshan, and Gaurav Prasad. 2015. O3 - A Webpage Preprocessing Tool. *In the 11th International Conference on Web Information Systems and Technologies (WEBIST 2015)*

Organized Workshops
* authors were equal contributors

1. **Karthik S. Bhat***, Azra Ismail*, Amanda K. Hall, Naveena Karusala, Helena Mentis, John Vines, and Neha Kumar. (2023). The Future of Hybrid Care and Wellbeing in HCI. *In Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems (CHI EA '23)*

2. Naveena Karusala, Azra Ismail, **Karthik S. Bhat**, Sachin Pendse, Aakash Gupta, Neha Kumar, Richard Anderson, Madeline Balaam, Shaowen Bardzell, Nicola J Bidwell, Melissa Densmore, Elizabeth Kaziunas, Anne Marie Piper, Noopur Raval, Pushpendra Singh, Austin Toombs, Nervo Verdezoto, and Ding Wang. "The Future of Care Work: Towards a Radical Politics of Care in CSCW Research and Practice". 2021. *In Conference Companion Publication of the 2021 on Computer Supported Cooperative Work and Social Computing (CSCW 2021)*

Other Refereed Contributions

1. **Karthik S. Bhat**. 2022. Unpacking the Shift to Remote Caregiving for Complex Health Needs. *In Challenges, Tensions, and Opportunities in Designing Ecosystems to Support the Management of Complex Health Needs Workshop at the 2022 CHI Conference on Human Factors in Computing Systems (CHI 2022)*

2. **Karthik S. Bhat** and Neha Kumar. 2020. Datafication Practices for Personal Health. *In Data4Good: Designing for Diversity and Development Workshop at the International Conference on Advanced Visual Interfaces (AVI 2020)*

3. Manasee Narvilkar, Josiah Mangiameli, Adriana Alvarado Garcia, Azra Ismail, Daniel Schiff, Danielle Schechter, Jordan Chen, **Karthik Bhat**, Marisol Wong-Villacres, Anusha Vasudeva, Aparna Ramesh, Michaelanne Dye, Naveena Karusala, Pragati Singh, Savanthi Murthy, Shubhangi Gupta, Udaya Lakshmi, and Neha Kumar. 2019. Bringing Shades of Feminism To Human-Centered Computing. *In Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems (CHI EA '19)*

4. **Karthik S. Bhat**. 2019. Virtual Intermediaries in Ecologies of Care. *ICTD Doctoral Consortium 2019*

SERVICE

Program Committee

Late Breaking Works, CHI	2020–2022

Reviewer

ACM CHI Conference on Human Factors in Computing Systems (CHI)	2019–*present*
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)	2019–*present*
ACM Conference on Conversational User Interfaces (CUI)	2023
ACM Transactions on Computer-Human Interaction (TOCHI)	2021–2023
Computer Methods and Programs in Biomedicine	2020
ACM Conference on Designing Interactive Systems (DIS)	2019

Student Volunteering

CHI 2023	2023
CSCW 2021	2021
ICTD 2019 *(SV Chair)*	2019
Expanding the Horizons of Human-Centered Artificial Intelligence (HCAI) Summer School	2019

MENTORSHIP

Niveditha Vilvanathan - M.S. Computer Science, Georgia Tech	2023–*present*
Shaili Dalmia - M.S. Computer Science, Georgia Tech	2022–2023
Ashwin Dubey - M.S. Computer Science, Georgia Tech	2022–2023
Hannah Tam - M.S. Human-Computer Interaction, Georgia Tech *(currently: Product Designer at Atlassian)*	2020–2022
Savanthi Murthy - M.S. Human-Computer Interaction, Georgia Tech *(currently: UX Researcher at FanDuel)*	2019–2020

TEACHING EXPERIENCE

Graduate Teaching Assistant, Georgia Tech

Introduction to User Interface Design (CS3751)	Fall 2023
Gender and Global Development (CS8803)	Spring 2023
AI, Ethics, and Society (CS8803)	Fall 2020, Spring 2021
User Interface Design (CS3750)	Summer 2020
Educational Technology (CS4660 / CS6460)	Fall 2018, Spring 2019, Fall 2019

INVITED TALKS AND PRESENTATIONS

Talks and Panels

Towards Intermediated Workflows for Hybrid Telemedicine	2023
Computing and Global Development, Georgia Tech	

Dine-in or Delivery: Telemedicine and the Future of Healthcare	2022
Invited Talk, Microsoft Research India	

Healthcare Access Challenges during COVID-19	2022
Community Response to Global Health Challenges Panel, Global Development Week, Georgia Tech	

Infrastructuring Telehealth in (in)Formal Patient-Doctor Contexts	2021
Online Masters in Computer Science Research Seminar, Georgia Tech	

Family Caregivers as Boundary Actors in Chronic Care Management	2021
Microsoft Research Summit 2021	

Sociocultural Dimensions of Tracking Health and Taking Care	2021
UbiComp Lab, Georgia Tech	

Sociocultural Dimensions of Tracking Health and Taking Care	2020
Wellness Technology Lab, Georgia Tech	

Sociocultural Dimensions of Tracking Health and Taking Care	2020
IndiaHCI Invited Talk	

HCI4D: Overview and Opportunities	2020
Guest Lecture, CS3750: User Interface Design, Georgia Tech	

Research Panel, CS + Social Good, Georgia Tech	2020

"My doctor and Google doctor": Sensemaking Practices in Cardiac Care	2019
Invited Talk, Srishti Institute of Art, Design, and Technology, India	

Conference Presentations

Towards Intermediated Workflows for Hybrid Telemedicine, CHI	2023
Learning to Navigate Health Taboos through Online Safe, CHI	2023
"Information-Backward but Sex-Forward": Navigating Masculinity towards Intimate Wellbeing and Heterosexual Relationships, CHI	2023
Infrastructuring Telehealth in (in)Formal Patient-Doctor Contexts, CSCW	2021
Sociocultural Dimensions of Tracking Health and Taking Care, CSCW	2020