

Karthik S. Bhat

ksbhat@gatech.edu | +1 (404) 939-6455 | @_karthik_bhat | <https://ksbhat.com>

Education

Georgia Institute of Technology, Atlanta, GA, USA 2018—*present*

PhD in Human-Centered Computing

Advisor: Dr. Neha Kumar

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*

Graduate Research Assistant, TanDEm Lab

Advisor: Dr. Neha Kumar

Microsoft Research, Bangalore, KA, India May 2022—*present*

Research Intern, Technology and Empowerment Group

Mentors: Dr. Mohit Jain and Dr. Nipun Kwatra

Microsoft Research, Redmond, WA, USA May 2021—Aug 2021

Research Intern, Medical Experiences & Design, Global Health Access Teams

Mentor: Dr. Amanda K. Hall

United Nations University Institute in Macau, Macau SAR, China Aug 2016—July 2018

Research Assistant, Migrant Tech Lab

Mentor: Dr. Hannah Thinyane

Research Assistant, Small Data Lab

Mentors: Dr. Michael Best and Dr. Andrés Moreno

Samsung R&D Institute, Bangalore, India May 2015—July 2015

Student Trainee, S Voice Team

Mentor: Dr. Jithendra Vepa

Indian Institute of Technology, Ropar, India May 2014—July 2014

Summer Research Fellow

Mentor: Dr. Sudarshan Iyengar

Publications

Peer-Reviewed Journal and Conference Publications

- 1 **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
- 2 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)
- 3 **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
- 4 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.
- 5 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)*
- 6 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)*
- 7 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.
- 8 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)*
- 9 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)*
- 10 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)*

Refereed Short Papers and Workshops

- 1 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)*
- 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 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)*

Service & Mentoring

Reviewing

- 2019—*present* ACM CHI Conference on Human Factors in Computing Systems (CHI)
Program Committee, CHI Late Breaking Works 2020—*present*
- 2019—*present* ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)
- 2020 Computer Methods and Programs in Biomedicine
- 2019 ACM Conference on Designing Interactive Systems (DIS)

Student Volunteering

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

Mentoring

- 2020-2021 Hannah Tam - M.S. Human Computer Interaction, Georgia Tech
- 2019-2020 Savanthi Murthy - M.S. Human Computer Interaction, Georgia Tech

Teaching Experience

Graduate Teaching Assistant, Georgia Tech

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

Awards

CSCW Honorable Mention

2021

CSCW Best Paper

2020

Mozilla Research Grant (with Dr. Neha Kumar): USD 25,000

2019

Indian Academy of Sciences - Summer Research Fellowship

2014

Skills

Research

Qualitative methods: grounded theory, template analysis, thematic analysis, situational analysis
Surveys, interviews, focus groups

Design

Participatory design, prototyping, wireframing, storyboarding, affinity mapping

Programming

Python, C++

Frameworks

NodeJS, NativeScript

Talks

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

Dec 2021

“Infrastructuring Telehealth in (in)Formal Patient-Doctor Contexts,” CSCW 2021

Oct 2021

Microsoft Research Summit 2021

Oct 2021

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

Mar 2021

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

Nov 2020

“Sociocultural Dimensions of Tracking Health and Taking Care,”
IndiaHCI Invited Talk

Nov 2020

“Sociocultural Dimensions of Tracking Health and Taking Care,” CSCW 2020

Oct 2020

Guest Speaker, CS3750: User Interface Design; “HCI4D: Overview”

Jul 2020

CS + Social Good Research Panel, Georgia Tech

Feb 2020

GVU Showcase, Georgia Tech	Oct 2019
Srishti Institute of Art, Design, and Technology	Aug 2019
GVU Showcase, Georgia Tech	Mar 2019
GVU Showcase, Georgia Tech	Oct 2018