Poojita Garg

✉ pgarg70@gatech.edu   📞 +1 (470) 929-3971   🌐 www.poojitagarg.com

RESEARCH INTERESTS

My research interest is at the intersection of ubiquitous technologies and human-centered computing, with the goal of building useful, accessible, and inclusive health sensing systems.

EDUCATION

Aug 2022 – May 2024	**Georgia Institute of Technology** *Master of Science in Computer Science (Specialization: Human-Computer Interaction)*
Aug 2017 – Jul 2021	**Panjab University, Chandigarh, India** *Bachelor of Engineering in Computer Science*

RESEARCH EXPERIENCE

Jan 2023 – Ongoing	**Uncommon Sense Labs, Georgia Tech** *Research Assistant | Advisor: Dr. Alexander T. Adams* • Leading the project on making non-invasive at-home fetal health assessment more accessible using smartphones as an active sonar system. **Ubicomp Health and Wellness Lab, Georgia Tech** *Research Intern | Advisors: Dr. Rosa I. Arriaga and Dr. Sauvik Das* • Created and validated *the SAIA-8 scale,* a novel psychometric scale to measure user acceptance of privacy-enhancing image filters (subversive AI image filters). • Led to a paper accepted at ACM CSCW 2024.
Jun 2021 – Dec 2022	**Technology And Design Towards Empowerment Lab, Georgia Tech** *Research Assistant | Advisor: Dr. Neha Kumar* • Led the design and development of *Sehat Sakhi*, a chatbot to support frontline health workers in India manage critical work for maternal and child health remotely. • Led to a workshop paper. A full paper under review at ACM CHI 2024.
Mar 2019 – Dec 2020	**Design Innovation Centre, Panjab University** *Research Assistant | Advisors: Dr. Prashant Jindal and Dr. Mamta Juneja* • Led the app development for various IoT projects in collaboration with doctors of local government hospitals. Led to a patent and multiple research publications.

SELECTED PUBLICATIONS*

* For full list of publications visit my google scholar [here](#).

ACM CSCW

Jacob Logas, ***Poojita Garg***, Rosa I. Arriaga, Sauvik Das. *The Subversive AI Acceptance Scale (SAIA-8): A Scale to Measure User Acceptance of AI-Generated, Privacy-Enhancing Image Modifications.* ACM Conference On Computer-Supported Cooperative Work And Social Computing (CSCW 2024). *[Accepted]*

ACM CHI

Azra Ismail, ***Poojita Garg***, Karthik Bhat, Mohit Jain, Neha Kumar. *Sehat Sakhi: Design of a Chatbot for Maternal and Child Care in India.* ACM CHI Conference on Human Factors in Computing Systems (CHI 2024). *[Revised and Resubmitted]*

ACM IMWUT

Rishab Goel, *Poojita Garg*, Alexander T. Adams. *Spectral Trash Can: Acoustic spectral identification of mater.* ACM Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT 2024). *[Under Review]*

ACM CSCW Workshop

Poojita Garg, Azra Ismail, Neha Kumar. *Designing Chatbots for Supporting Gendered Frontline Health Work in India.* The future of care work: Towards a Radical Politics of Care in CSCW Research and Practice Workshop, CSCW 2021.

PATENTS

Wearable apparatus for determining goniometric reading of a body portion of a subject, Indian Patent No. 371489.

SKILLS

Programming Languages: Python, Java, C++, JavaScript, Swift

Frameworks and Tools: React-Native, Android Studio, Google's App Script, Firebase, Figma, NumPy, Pandas, Matplotlib, Sci-Kit Learn

Additional Skills: Signal Processing, Experimental Design, Human-Centered Design, Rapid Prototyping, Qualitative and Quantitative Data Analysis.

TEACHING EXPERIENCE

2023	CS 4261/CS 8803: Mobile Application & Services, Georgia Tech
	CS 3001: Computing, Society & Professionalism, Georgia Tech
2022	CS 4261/CS 8803: Mobile Application & Services, Georgia Tech

ACADEMIC SERVICE

Paper Reviewing: ACM ASSETS Workshops 2023, ACM ICMI Late Breaking Work 2023

Volunteering: ACM UBICOMP Student Volunteer 2022

MENTORSHIP

2023 - Present	Betelihem Ashebo, M.S. Electrical and Electronics Engineering, Georgia Tech
2022- Present	Vidit Jain, B.S. Computer Science, Georgia Tech

VOLUNTEERING & OUTREACH

Jul 2023 - Ongoing	**Google's Women Techmakers**
	Women Techmakers Ambassador
	• Organizing events, public speaking, creating content, and mentoring to help build a world where all women can thrive in tech.
Aug 2021 - Ongoing	**Women Who Code**
	Lead Volunteer
	• Instructing, organizing and moderating various online study groups and events for Python and Mobile digital tracks.