Diva Smriti

College of Computing and Informatics
Drexel University, Philadelphia, PA
diva.smriti@drexel.edu
https://divasmriti.github.io/

RESEARCH INTERESTS

Human-Computer Interaction, Computer-Supported Cooperative Work, Health Informatics, Ubiquitous Computing, Technology for Underrepresented Populations.

EDUCATION

2019–2024 (expected)	Ph.D. Student in Information Science, Drexel University, Philadelphia, PA Advisor: Dr. Jina Huh-Yoo | GPA: 3.96/4.00
2017–2019	M. S . in Human-Computer Interaction (HCI), University of Maryland, College Park, MD Advisor: Dr. Eun Kyoung Choe | GPA: 4.00/4.00
2011–2015	B.Des. in Design, Indian Institute of Technology Guwahati, India | CPI: 7.73/10.00

EMPLOYMENT

06/2022–09/2022	Amazon, Seattle, WA. User Experience (UX) Research Intern Conducted a Diversity, Equity, and Inclusion qualitative evaluation study. Collaborated cross-functionally with Research, Design, DEI, Legal, and PR Teams.
10/2019–Present	Drexel University, Philadelphia, PA Graduate Research Assistant | Mentor: Dr. Jina Huh-Yoo Building emerging technologies for informal caregivers aiding in care receipient's health behavior change.
10/2017–05/2019	University of Maryland, College Park, MD Graduate Research Assistant | Mentor: Dr. Elizabeth Bonsignore Conducted bi-weekly participatory design research method sessions with children participants aged 8-12 years as part of Kidsteam.
05/2016–09/2016	dishq, Bangalore, India User Experience Designer User research of mobile-based application for matching restaurants to users' food likings.
07/2015–04/2016	Abzooba India Infotech Pvt. Ltd., Kolkata, India User Experience Designer Visualizations for indicating the companiy's key performance metrics.

HONORS AND AWARDS

2021	Google CS Research Mentorship Program (CSRMP) Scholar
2021	Student Awardee, NSF SCH PI Workshop: Smart Health in the AI and Covid Era
2021	CRA-WP Grad Cohort for Women Workshop
2020–21	Grace Hopper Scholarship, Drexel University
2020	Cell2Society Aging Research Grant, Drexel University ($2000)
2018	Research Improvement Grant, University of Maryland ($600)
2018	Grace Hopper Scholarship, University of Maryland
2018	SOUPS 2018 - Best Poster Award [p1]
2011	Top 1% in Indian Institute of Technology - Joint Entrance Examination

PUBLICATIONS

Journal Articles (Rigorously Peer Reviewed)

j3 Kocaballi, A.B., Sezgin, E., Clark, L., Carroll, J.M., Huang, Y., Huh-Yoo, J., Kim, J., Kocielnik, R., Lee, Y., Mamykina, L., Mitchell, E.G., Moore, R.J., Murali, P., Mynatt, E.D., Park, S.Y., Pasta, A., Richards D., Silva, L.M., Smriti, D., Spillane, B., Zhan, Z., Zubatiy, T. (2022).
Design and Evaluation Challenges of Conversational Agents in Healthcare and Wellbeing.
Journal of Medical Internet Research (JMIR).

j2 Smriti, D., Kao, T., Rathod, R., Shin, J.S.., Peng, W., Williams, J., Muijb, M., Colosimo, M., Huh-Yoo, J. (2022).
Motivational Interviewing Conversational Agent for Parents as Proxies for their Children in Healthy Eating: Development and User Testing.
Journal of Medical Internet Research Human Factors (JMIR Human Factors).

j1 Smriti, D., Ambulkar, S., Meng, Q., Kaimal, G., Ramotar, K., Park, S., Huh-Yoo, J. (2021).
Creative Arts Therapies for the Mental Health of Emerging Adults: A Systematic Review.
The Arts in Psychotherapy.

Conference Proceedings (Rigorously Peer Reviewed)

c1 Badillo-Urquiola, K., Smriti, D., McNally, B., Bonsignore, E., Golub, E., Wisniewski, P. (2019).
Stranger Danger!: Social Media App Features Co-Designed with Children to Keep Them Safe Online.
ACM Interaction Design and Children (IDC '19).

Posters (Peer Reviewed)

p4 Smriti, D., Rathod, R., Huh-Yoo, J. (2021).
Toward Privacy Implications in Developing and Deploying Chatbots in Informatics Research: Analysis of Chatbot Development Platforms.
The Annual Symposium of American Medical Informatics Association (AMIA '21).

p3 Kao, T.-S. A., Ling, J., Smriti, D., Shin, J.Y., Peng, W., Huh-Yoo, J. (2021).
The Feasibility of Technology-Adapted Motivational Interviewing (TAMI).
Midwest Nursing Research Society (MNRS) Virtual Annual Research Conference '21.

p2 Smriti, D., Shin, J.Y., Mujib, M., Colosimo, M., Kao, T.S., Williams, J.R., Huh-Yoo, J. (2020).
TAMICA: Tailorable Autonomous Motivational Interviewing Conversational Agent.
EAI International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth '20).

p1 Badillo-Urquiola, K., Smriti, D., McNally, B., Bonsignore, E., Golub, E., Wisniewski, P. (2018).
Co-Designing with Children to Address "Stranger Danger" on Musical.ly.
Symposium on Usable Privacy and Security (SOUPS '18). [BEST POSTER]

Workshop Papers and Abstracts (Peer Reviewed)

w4 Smriti, D., Rathod, R., Huh-Yoo, J. (2021).
Toward Privacy Implications in Developing and Deploying Chatbots: Analysis of Chatbot Development Platforms.
Workshop: Let's Talk about CUIs: Putting Conversational User Interface Design Into Practice.
ACM Human Factors in Computing Systems (CHI '21).

w3   Smriti, D., Shin, J.Y., Mujib, M., Colosimo, M., Kao, T.S., Williams, J.R., Huh-Yoo, J. (2020).
      TAMICA: Tailorable Autonomous Motivational Interviewing Conversational Agent.
      Workshop: Conversational Agents for Health and Well-being.
      ACM Human Factors in Computing Systems (CHI '20).

w2   Smriti, D., DiMaria-Ghalili, R. A., Gitlin, L. N., Sarcevic, A., Yan, E., Huh-Yoo, J. (2020).
      Information Quality Assessment Framework for Online Dementia Care Resources.
      The Gerontological Society of America (GSA) 2020 Annual Scientific Meeting.

w1   Mastrianni, A., Smriti, D.* (2020).
      Exploring the Effect of Social Connections on Transactional Behaviors in Venmo.
      Americas Conference on Information Systems (AMCIS 2020) TREOs.

PRESENTATIONS AND INVITED TALKS

03/2021   Designing Conversational Agents for Health Management.
          Drexel CHI User Experience Club, Philadelphia, PA.

04/2020   TAMICA: Tailorable Autonomous Motivational Interviewing Conversational Agent.
          Oral Presentation at Drexel Emerging Graduate Scholars Conference, Philadelphia, PA.

PROFESSIONAL SERVICES

Reviewer
ACM Human Factors in Computing Systems (CHI) 2021, 2022 (Full papers, Late-Breaking Works)
ACM Computer-Supported Cooperative Work and Social Computing (CSCW) 2021, 2022, 2023 (Full papers)
The Annual Symposium of American Medical Informatics Association (AMIA) 2020, 2021 (Full papers, Posters)
ACM Interaction Design and Children (IDC) 2021 (Short Papers)
Applied Clinical Informatics Journal 2021(Full papers)

Student Volunteer
ACM Human Factors in Computing Systems (CHI) 2020
ACM Computer-Supported Cooperative Work and Social Computing (CSCW) 2020

TEACHING EXPERIENCE

Teaching Assistant
Fall 2022   INFO 508 - Information Innovation through Design Thinking (worked with Dr. Polly College).

STUDENTS MENTORED

2021   Sukhi Sandhu, Masters student, Drexel University, College of Computing and Informatics
2021   Amoh Kwaku, Masters student, Drexel University, College of Computing and Informatics
2020–21   Rahil Rathod, Masters student, Drexel University, College of Computing and Informatics
2020   Nadien Zerban, Undergraduate student, Drexel University, College of Computing and Informatics
2020   Katelyn Moore, Undergraduate student, Drexel University, College of Biomedical Engineering, Science and Health Systems
2019   Sree Mahit Munakala, Masters student, Carnegie Mellon Univeristy, HCII

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*The author(s) who contributed equally as the first author.

LEADERSHIP POSITIONS

2021–22   Vice President, Doctoral Students Association, College of Computing & Informatics, Drexel University

2020–21   Treasurer, Doctoral Students Association, College of Computing & Informatics, Drexel University

DIVERSITY, EQUITY, AND INCLUSION EFFORTS

2020–21   CHI Mentoring (CHIMe) Workshop 2020, 2021

2019–20   Graduate Mentor for Undergraduate Students, Drexel Women in Computing Society

2018–19   Graduate Mentor for 2018 HCI Masters Students, University of Maryland, College Park

SKILLS

Research   Participatory design, diary study, observation, survey, interview, contextual inquiry, qualitative data analysis, descriptive statistics, inferential statistics.

Design   Rapid prototyping, empathy mapping, card sorting, wireframing, usability testing.

Code   HTML, CSS, JavaScript, jQuery, Python, SQL, C/C++.

Software   NVivo, SPSS Statistical Analysis, Adobe Creative Suite, Balsamiq, Invision, Figma, Tableau.