# Diva Smriti

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https://divasmriti.github.io/

## RESEARCH INTERESTS

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

## EDUCATION

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|---|---|
| 2019–2024 (expected) | Ph.D. Student in Information Science, Drexel University, Philadelphia, PA<br>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<br>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

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| 06/2022–09/2022 | Amazon, Seattle, WA.<br>User Experience (UX) Research Intern<br>Conducted a Diversity, Equity, and Inclusion qualitative evaluation study.<br>Collaborated cross-functionally with Research, Design, DEI, Legal, and PR Teams. |
| 10/2019–Present | Drexel University, Philadelphia, PA<br>Graduate Research Assistant \| Mentor: Dr. Jina Huh-Yoo<br>Use qualitative and mixed-methods research approaches to build emerging technologies for informal caregivers aiding in care receipient's health behavior change. |
| 10/2017–05/2019 | University of Maryland, College Park, MD<br>Graduate Research Assistant \| Mentor:  Dr. Elizabeth Bonsignore<br>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<br>User Experience Designer<br>User research of mobile-based application for matching restaurants to users' food likings. |
| 07/2015–04/2016 | Abzooba India Infotech Pvt. Ltd., Kolkata, India<br>User Experience Designer<br>Visualizations for indicating the companiy's key performance metrics. |

## HONORS AND AWARDS

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| 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        <u>Smriti, D.,</u> 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        <u>Smriti, D.,</u> 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., <u>Smriti, D.</u>* (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.