# Maitraye Das

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## **Research Summary**

My research interest sits broadly at the intersection of Human-Computer Interaction (HCI), Computer-Supported Cooperative Work (CSCW), and Accessible Computing, with a focus on studying and designing for accessible collaborative content production in ability-diverse teams, i.e., teams involving people with and without disabilities. Methodologically, I take a human-centered, community-based research approach that involves in-depth qualitative studies (e.g., contextual interviews and ethnographic field observations) followed by the iterative design, development, and evaluation of new systems. As a first-generation scholar and woman of color from the Global South, my broader goal is to enhance accessibility and inclusion through computing and contribute towards reducing equity gaps in education, employment, and creative work.

#### **Education**

# Northwestern University, Evanston, IL, USA

Aug 2022 (expected)

PhD in Technology and Social Behavior (dual degree in Computer Science & Communication)

Dissertation: Designing for Accessible Collaborative Content Creation in Ability-Diverse Teams

Committee: Darren Gergle (chair), Anne Marie Piper (co-chair), Marcelo Worsley, and Cynthia Bennett

## Northwestern University, Evanston, IL, USA

Mar 2021

MS in Technology and Social Behavior (dual degree in Computer Science & Communication) *GPA:* 3.97/4.00

# Bangladesh University of Engineering and Technology (BUET)

Sep 2015

BS in Computer Science and Engineering (CSE) with Honors

GPA: 3.85/4.00 | Rank: 7th in a class of 134 students, magna cum laude

Thesis: Protecting Genomic Privacy in Medical Tests using Distributed Storage

Advisor: Tanzima Hashem

#### Selected Awards, Honors, and Grants

| • | Best Paper Award [J4] ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)                                      | 2021  |
|---|--|-------|
| • | Recognition for Contribution to Diversity & Inclusion [J4] ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW) | 2021  |
| • | Best Paper Nomination [C9] ACM Conference of Computers and Accessibility (ASSETS)  | 2021  |
| • | Selected as a Rising Star in EECS   Massachusetts Institute of Technology  | 2021  |
| • | PhD Student Research Award Department of Computer Science, Northwestern University   | 2021  |
| • | Graduate Research Grant (\$2,999) School of Communication, Northwestern University   | -2022 |

| • | Dissertation Research Grant (\$1,500)   | 2021   |
|---|---|--------|
|   | Department of Communication Studies, Northwestern University  |        |
| • | Best Paper Honorable Mention Award [C8] ACM Conference on Human Factors in Computing Systems (CHI)                        | 2020   |
| • | Finalist (among top 20 students)   Microsoft Research PhD Fellowship  | 2020   |
| • | Best Paper Honorable Mention Award [J2] ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW) | 2019   |
| • | Best Paper Award [C5] IEEE International Conference on Computers, Software, and Applications (COMPSAC)                    | 2018   |
| • | Best Undergraduate Thesis Award<br>Department of CSE, Bangladesh University of Engineering & Technology                   | 2015   |
| • | Dean's List Award  Bangladesh University of Engineering & Technology  2011  | - 2015 |
| • | University Merit Scholarship  Bangladesh University of Engineering & Technology   | - 2014 |

#### **Journal Articles**

[Directly mentored students are marked with a \*]

- J5. **Maitraye Das,** Anne Marie Piper, and Darren Gergle. 2022. Design and Evaluation of Accessible Collaborative Writing Techniques for People with Vision Impairments. In *ACM Transactions on Computer-Human Interaction (TOCHI)*, Vol. 29, 2, Article 9 (April 2022), 42 pages. [Impact Factor: 3.15]
- J4. Maitraye Das, John Tang, Kathryn E. Ringland, and Anne Marie Piper. 2021. Towards Accessible Remote Work: Understanding Work-from-Home Practices of Neurodivergent Professionals. In Proceedings of the ACM on Human-Computer Interaction, Vol. 5, CSCW1, Article 183, 30 pages. [Impact Factor: 4.42]

Best Paper Award (top 1% of submissions)

Recognition for Contribution to Diversity & Inclusion

- J3. Katya Borgos-Rodriguez, Maitraye Das, and Anne Marie Piper. 2021. Melodie: A Design Inquiry into Accessible Crafting through Audio-Enhanced Weaving. In ACM Transactions on Accessible Computing (TACCESS), Vol. 14, 1, Article 5 (March 2021), 30 pages. [Impact Factor: 2.64]
- Maitraye Das, Darren Gergle, and Anne Marie Piper. 2019. "It doesn't win you friends":
   Understanding Accessibility in Collaborative Writing for People with Vision Impairments. In 
   Proceedings of the ACM on Human-Computer Interaction, Vol. 3, CSCW, Article 191
   (November 2019), 26 pages. [Impact Factor: 4.42]
   Best Paper Honorable Mention (Top 5% of submissions)
  - J1. \*Nusrat Jahan Mazumder, **Maitraye Das**, Tanzima Hashem, Sharmin Afrose, and \*Khandaker Ashrafi Akbar. 2019. Towards Privacy-preserving Authenticated Disease Risk Queries. In *Journal of Information Processing*, Vol. 27 (September 2019), pp. 624-642.

## **Peer-Reviewed Conference Proceedings Papers**

[<u>Top-tier venues in Human-Computer Interaction</u> include extensively peer-reviewed conferences such as CHI. These highly selective conferences are intended for archival papers and <u>comparable to journals in visibility</u>, <u>selectively</u>, <u>and impact</u>.]

- C10. **Maitraye Das**, \*Thomas McHugh, Anne Marie Piper, and Darren Gergle. 2022. Co11ab: Augmenting Accessibility in Synchronous Collaborative Writing for People with Vision Impairments. In *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '22).*[first-round acceptance rate: 12.5%]
- **Q** C9. Kelly Mack, **Maitraye Das**, Dhruv Jain, Danielle Bragg, John Tang, Andrew Begel, Erin Beneteau, Josh Urban Davis, Abraham Glasser, Joon Sung Park, and Venkatesh Potluri. 2021. Mixed Abilities and Varied Experiences: A Group Autoethnography of a Virtual Summer Internship. In *Proceedings of the ACM Conference on Computers and Accessibility (ASSETS '21)*, 21 pages. [acceptance rate: 29%]

  Best Paper Nomination
- Q C8. Maitraye Das, Katya Borgos-Rodriguez, and Anne Marie Piper. 2020. Weaving by Touch: A Case Analysis of Accessible Making. In *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '20)*, 1-15. [acceptance rate: 24.3%]
  Best Paper Honorable Mention (Top 5% of submissions).
  - C7. **Maitraye Das,** Brent Hecht, and Darren Gergle. 2019. The Gendered Geography of Contributions to OpenStreetMap: Complexities in Self-Focus Bias. In *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '19)*, Paper 563, 14 pages. [acceptance rate: 23.8%]
  - C6. Moushumi Sharmin, Monsur Hossain, Abir Saha, **Maitraye Das**, Margot Maxwell, and Shameem Ahmed. 2018. From Research to Practice: Informing the Design of Autism Support Smart Technology. In *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '18)*, Paper 102, 16 pages. [acceptance rate: 25%]
- C5. Maitraye Das, \*Nusrat Jahan Mazumder, Sharmin Afrose, \*Khandaker Ashrafi Akbar, and Tanzima Hashem. 2018. A Novel Secret Sharing Approach for Privacy-Preserving Authenticated Disease Risk Queries in Genomic Databases. In Proceedings of the 42<sup>nd</sup> IEEE International Conference on Computers, Software, and Applications (COMPSAC '18), pp. 645-654. [acceptance rate: 24%]

  Best Paper Award
  - C4. Abir Saha and **Maitraye Das**. 2017. Impact of Social Networking on Post-Partum Depression in Women: An Analysis in the context of Bangladesh. In *Proceedings of the 20<sup>th</sup> IEEE International Conference on Computer and Information Technology (ICCIT '17)*, pp. 1-6.
  - C3. **Maitraye Das** and Abir Saha. 2017. An Automated Speech-Language Therapy Tool with Interactive Virtual Agent and Peer-to-Peer Feedback. In *Proceedings of the 4th International Conference on Advances in Electrical Engineering (ICAEE '17)*, pp. 510-515.
  - C2. \*Fatema Khan, **Maitraye Das**, and \*Ahiya Ahammed. 2016. PurpleAid: An mHealth platform to combat health hazards of women. In *Proceedings of the 2016 International Conference on Medical Engineering, Health Informatics and Technology (MediTec '16)*.
  - C1. **Maitraye Das**, Sunandita Sarker, and Syeda Lammim Ahad. 2016. A Novel Health Support System with Biometric Data Acquisition Device. In *Proceedings of the 19<sup>th</sup> International Conference on Computer and Information Technology (ICCIT '16)*, pp. 201-206.

## **Book Chapter**

B1. **Maitraye Das,** Katya Borgos-Rodriguez, and Anne Marie Piper. Under Review. A Case Study of Skilled Craftwork among Blind Fiber Artists. In Elizabeth Guffey ed. *Design for One: Post Universal Design and the New Normal.* Bloomsbury.

# Workshop Position Papers, Posters, and Doctoral Consortia

- P11. Maitraye Das. 2021. Augmenting Ability-Diverse Collaboration. In MIT EECS Rising Stars Workshop '21.
- P10. **Maitraye Das.** 2021. Designing for Accessible Collaborative Content Creation for People with Vision Impairments. In *Human-Computer Interaction Consortium (HCIC '21)*.
- P9. **Maitraye Das.** 2021. Rethinking Power and Politics in Care Work within Ability-Diverse Maker Communities. In the *Workshop on The Future of Care Work at the ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW '21).*
- P8. **Maitraye Das.** 2020. Designing for Collaborative Content Creation for People with Vision Impairments. In the *Conference Companion Publication on Computer Supported Cooperative Work & Social Computing (CSCW '20).* [Doctoral consortium]
- P7. **Maitraye Das,** Katya Borgos-Rodriguez, and Anne Marie Piper. 2020. Rethinking Power and Politics in Accessible Making. In the *Workshop on Investigating the Role of Critical Disability Studies in HCI at the ACM Conference on Human Factors in Computing Systems (CHI '20).*
- P6. **Maitraye Das.** 2019. Who Can See What: Privacy and Audience Management for People with Vision Impairments on Social Media. In the *Workshop on Addressing the Accessibility of Social Media at the ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW '19).*
- P5. **Maitraye Das.** 2019. Designing for Collaborative Content Creation for People with Vision Impairments. *Microsoft Research PhD Fellowship Finalist Presentation*, Redmond, WA, USA.
- P4. **Maitraye Das**. 2018. Understanding Collaborative Writing Practices of People with Visual Impairments. In the *ACM International Conference on Pervasive and Ubiquitous Computing (UbiComp '18)*.
- P3. **Maitraye Das**. 2018. Towards Understanding the Effects of Social Networking on Postpartum Depression in Women. *Grace Hopper Celebration (GHC)*, USA.
- P2. **Maitraye Das**, Sharmin Afrose, and Tanzima Hashem. 2015. Protecting Genomic Privacy in Medical Tests using Distributed Storage. *Grace Hopper Celebration (GHC)*, USA.
- P1. Maitraye Das, Sunandita Sarker, and Shahina Ferdous. 2014. SpeechAid: A Self-treatment System for Individuals with Speech Disorder. Grace Hopper Celebration India (GHCI).
   Best Technical Poster Award

## **Research Experience**

**Northwestern University** | Collaborative Technology Lab Graduate Research Assistant | advised by *Darren Gergle* 

Fall 2017 - Present

Conducted contextual interviews and observations to understand collaborative writing practices and
accessibility needs of blind professionals. Built new accessible systems to support blind writers in
asynchronous and synchronous collaborative writing. Evaluated systems through a design exploration

study with 15 blind writers and a mixed-methods controlled experiment with 48 blind writers. Project funded by National Science Foundation (award link).

Faculty collaborator: Anne Marie Piper

 Collected a dataset of nearly 0.45 billion edits by 2000 OpenStreetMap editors using Python and Osmium. Performed quantitative analysis to investigate gender-based self-focus bias in OpenStreetMap. Faculty collaborator: Brent Hecht

## Northwestern University | Inclusive Technology Lab

Spring 2018 - Present

Graduate Research Assistant | advised by Anne Marie Piper

Conducted ethnographic field observations and contextual interviews at a weaving studio for people
with vision impairments. Designed an audio-enhanced loom to support blind weavers in performing
weaving activities and an audio-tactile system to support accessible drafting of fabric patterns. Project
funded by National Science Foundation (award link).

## Microsoft Research (MSR), USA | Ability Team

Summer 2020

Research Intern | mentored by John Tang

- Conducted semi-structured interviews with 36 neurodivergent professionals. Outlined practical
  guidelines for inclusive organizational practices and accessible design of remote collaboration tools.
   Faculty collaborators: Kathryn E. Ringland, Anne Marie Piper
- Performed a group autoethnographic study reflecting on accessible practices in an ability-diverse team
  and highlighted opportunities for designing technologies for accessible remote work.
   MSR collaborators: Danielle Bragg, Andrew Begel

#### Western Washington University, USA

Summer 2017

Researcher (remote) | mentored by Moushumi Sharmin and Shameem Ahmed

• Performed a systematic literature review on smart technologies for children on the autism spectrum.

## Bangladesh University of Engineering and Technology (BUET)

Aug 2014 - Sep 2017

Undergraduate Researcher | advised by Tanzima Hashem

Developed a secret-sharing algorithm for privacy-preserving disease risk queries in genomic databases.

#### **Teaching Experience**

Northwestern University | Department of Computer Science / Communication Studies Winter 2022 Teaching Assistant | COMP\_SCI 314/COMM\_ST 351 - Technology & Human Interaction

• Facilitated in-class discussions, held weekly office hours, delivered lectures, and graded assignments (56 students).

#### United International University (UIU), Dhaka, Bangladesh

Oct 2015 - Mar 2017

Lecturer/Instructor | Department of Computer Science and Engineering (CSE)

- Delivered lectures, held weekly office hours, prepared and evaluated homework assignments and final exams, conducted lab sessions, and supervised student projects.
- Courses Instructed:

CSE 313 - Computer Architecture

Fall 2015: 29 students

CSE 225 – Digital Logic Design

Fall 2015: 27 students; Summer 2016: 26 students; Fall 2016: 54 students in two classes

CSE 226 - Digital Logic Design Laboratory

Fall 2015: 77 students in three classes; Spring 2016: 29 students;

Summer 2016: 49 students in two classes; Fall 2016: 40 students in two classes

CSE 236 – Assembly Programming Laboratory

Spring 2016: 15 students; Summer 2016: 29 students

CSE 113 – Electrical Circuits

Spring 2016: 67 students in two classes; Summer 2016: 18 students; Fall 2016: 31 students

## **Course Designed**

Accessible Collaboration | Northwestern University

Mar 2021

Computer Science/Communication Studies undergraduate course | Supervised by Darren Gergle

• Planned class structure, reading materials, assignments, projects, and assessments following the universal design for learning and active learning principles. Completed as one of the three PhD qualifying exams.

# Invited Talks, Panels, and Demonstrations

| <ul> <li>University of Illinois Urbana-Champaign   Department of Computer Science</li> <li>Pennsylvania State University   College of Information Sciences &amp; Technology</li> <li>Virginia Tech   Department of Computer Science</li> <li>University of Utah   School of Computing</li> <li>Johns Hopkins University   Department of Computer Science</li> <li>Indiana University Bloomington   Luddy School of Informatics, Computing, &amp; Engineering</li> <li>Northeastern University   Khoury College of Computer Sciences</li> <li>Georgia Institute of Technology   Department of Interactive Computing</li> <li>Ohio State University   School of Computing &amp; Engineering</li> <li>Arizona State University   School of Computing &amp; Augmented Intelligence</li> <li>George Mason University   Department of Computer Science</li> <li>Reb 2022</li> <li>New Jersey Institute of Technology   Department of Informatics</li> <li>Feb 2022</li> </ul> |  |  |  |  |  |
|---|--|--|--|--|--|
| <ul> <li>Pennsylvania State University   College of Information Sciences &amp; Technology</li> <li>Virginia Tech   Department of Computer Science</li> <li>University of Utah   School of Computing</li> <li>Johns Hopkins University   Department of Computer Science</li> <li>Indiana University Bloomington   Luddy School of Informatics, Computing, &amp; Engineering</li> <li>Northeastern University   Khoury College of Computer Sciences</li> <li>Georgia Institute of Technology   Department of Interactive Computing</li> <li>Ohio State University   Department of Computer Science &amp; Engineering</li> <li>Arizona State University   School of Computing &amp; Augmented Intelligence</li> <li>George Mason University   Department of Computer Science</li> <li>New Jersey Institute of Technology   Department of Informatics</li> <li>Feb 2022</li> </ul>  |  |  |  |  |  |
| <ul> <li>University of Utah   School of Computing</li> <li>Johns Hopkins University   Department of Computer Science</li> <li>Indiana University Bloomington   Luddy School of Informatics, Computing, &amp; Engineering</li> <li>Northeastern University   Khoury College of Computer Sciences</li> <li>Georgia Institute of Technology   Department of Interactive Computing</li> <li>Ohio State University   Department of Computer Science &amp; Engineering</li> <li>Arizona State University   School of Computing &amp; Augmented Intelligence</li> <li>George Mason University   Department of Computer Science</li> <li>New Jersey Institute of Technology   Department of Informatics</li> <li>Feb 2022</li> </ul>  |  |  |  |  |  |
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| <ul> <li>Georgia Institute of Technology   Department of Interactive Computing</li> <li>Ohio State University   Department of Computer Science &amp; Engineering</li> <li>Arizona State University   School of Computing &amp; Augmented Intelligence</li> <li>George Mason University   Department of Computer Science</li> <li>New Jersey Institute of Technology   Department of Informatics</li> <li>Feb 2022</li> <li>Feb 2022</li> </ul>  |  |  |  |  |  |
| <ul> <li>Ohio State University   Department of Computer Science &amp; Engineering</li> <li>Arizona State University   School of Computing &amp; Augmented Intelligence</li> <li>George Mason University   Department of Computer Science</li> <li>New Jersey Institute of Technology   Department of Informatics</li> <li>Feb 2022</li> <li>Feb 2022</li> </ul>   |  |  |  |  |  |
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| <ul> <li>Arizona State University   School of Computing &amp; Augmented Intelligence</li> <li>George Mason University   Department of Computer Science</li> <li>New Jersey Institute of Technology   Department of Informatics</li> <li>Feb 2022</li> <li>Feb 2022</li> </ul>   |  |  |  |  |  |
| <ul> <li>George Mason University   Department of Computer Science</li> <li>New Jersey Institute of Technology   Department of Informatics</li> <li>Feb 2022</li> </ul>  |  |  |  |  |  |
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| ■ MIT Computer Science & Artificial Intelligence Laboratory   Visualization Group Dec 2021  |  |  |  |  |  |
| <ul> <li>University of Washington   Center for Research and Education on Accessible Technology</li> </ul>   |  |  |  |  |  |
| and Experiences (CREATE) Oct 2021   |  |  |  |  |  |
|   |  |  |  |  |  |
| Talk: Understanding Accessibility in Collaborative Writing for People with Vision Impairments   |  |  |  |  |  |
| <ul> <li>Microsoft Office and Windows Accessibility Teams   Microsoft</li> <li>Feb 2021</li> </ul>  |  |  |  |  |  |
| Guest Lecture: Understanding Accessibility in Collaborative Writing   |  |  |  |  |  |
| ■ Input and Interaction Course (INFO 463)   Information School, University of Washington Nov 2020   |  |  |  |  |  |
| imput una interacción Gourse (il 12 o 165)   intermation ocinees, e inversey en washington 146+2620   |  |  |  |  |  |
| Talk: Understanding Accessibility in Remote Work for Neurodivergent Professionals   |  |  |  |  |  |
| ■ New Future of Work Group   Microsoft Sep 2020   |  |  |  |  |  |
|   |  |  |  |  |  |
| Talk: Designing for Accessible Interaction  |  |  |  |  |  |
| <ul> <li>Bangladesh HCI and ICTD Study and Research Group, Virtual Event</li> <li>Apr 2020</li> </ul>   |  |  |  |  |  |
| Demo: Technologies for Accessible Collaborative Writing and Weaving   |  |  |  |  |  |
| ■ TSB Prospective PhD Students Visiting Weekend   Northwestern University 2022, 2019  |  |  |  |  |  |

TSB Prospective PhD Students Visiting Weekend | Northwestern University

2021, 2018

| Special Recognition for Outstanding Review                                       |                |
|--|----------------|
| ACM Conference on Human Factors in Computing Systems (CHI), 4 times              | 2021, 2022     |
| ACM Conference on Computer-Supported Cooperative Work (CSCW), 2 times            | 2021, 2019     |
| ACM Conference on Designing Interactive Systems (DIS)                            | 2022           |
| Conference Travel Grant  |                |
| SIGACCESS Diversity and Inclusion Scholarship for ACM ASSETS conference          | 2020           |
| Northwestern University (\$2,300 + \$1,500)                                      | 2019, 2018     |
| ACM International Conference on Pervasive and Ubiquitous Computing (\$600)       | 2018           |
| Student Scholarship  |                |
| Grace Hopper Celebration USA   | 2018           |
| Grace Hopper Celebration India   | 2014           |
| Best Technical Poster [W1]   | 2014           |
| Grace Hopper Celebration India   |                |
| Academic Service   |                |
| Program Committee Member   |                |
| ACM Conference on Computers and Accessibility (ASSETS)                           | 2022           |
| ACM Conference on Computing and Sustainable Societies (COMPASS)                  | 2021           |
| Grace Hopper Celebration, HCI Track  | 2021           |
| Reviewer: Conferences  |                |
| ACM CHI [*outstanding review recognitions: 4]                                    | 2021 - Present |
| ACM CSCW [*outstanding review recognitions: 2]                                   | 2019 - Present |
| ACM DIS [*outstanding review recognition: 1]                                     | 2022, 2020     |
| ACM UIST   | 2022           |
| IEEE International Conference on Computers, Software, and Applications (COMPSAC  | 2021           |
| Grace Hopper Celebration   | 2017           |
| Australasian Database Conference   | 2016           |
| Reviewer: Journals   |                |
| Computer Supported Cooperative Work (CSCW), Springer                             | 2022           |
| ACM Transactions on Accessible Computing (TACCESS)                               | 2021           |
| Student Volunteer  |                |
| ACM CHI  | 2019, 2021     |
| ACM CSCW   | 2019           |
| ACM International Conference on Pervasive and Ubiquitous Computing (UbiComp)     | 2018           |
| InfoSocial Graduate Conference at Northwestern University                        | 2018           |
| Session Facilitator  |                |
| Human-Computer Interaction Consortium   Provocation & Next Steps (breakout group | 2021           |
| Asia-Oceania Accessibility Meet and Share Workshop (breakout group)              | 2021           |
|  |                |

#### **Outreach & Memberships**

| Co-host & Co-organizer Inspiring Stories (podcast series on Bangladeshi women in STEM)                     | 2020 - 2021    |  |  |  |  |
|--|----------------|--|--|--|--|
| Member   |                |  |  |  |  |
| Northwestern Graduate Women in Computing   | 2019 – Present |  |  |  |  |
| Association for Computing Machinery (ACM)  | 2017 - Present |  |  |  |  |
| Special Interest Group on Computer-Human Interaction (SIGCHI)  | 2017 - Present |  |  |  |  |
| Special Interest Group on Accessible Computing (SIGACCESS)   | 2017 - Present |  |  |  |  |
| Bangladeshi Women in Computer Science and Engineering  | 2015 - Present |  |  |  |  |
| Code Coach Volunteer BraveCamp Chicago by Brave Initiatives (non-profit coding camp for high school girls) | Summer 2018    |  |  |  |  |
| Vice-President Murchhona: BUET (cultural club)   | 2014 - 2015    |  |  |  |  |

#### **Students Mentored**

- Thomas McHugh | Computer Science undergrad, Northwestern University 2020 2021 Coauthored paper: [C10]. Own the first place at the ACM Student Research Competition (SRC) at ASSETS 2020 and SRC Grand Finals 2021. Next position: Software engineer at Apple.
- Evan Li | Mechanical Engineering MS student, Northwestern University
   Mentored on designing an audio-enhanced loom for accessible weaving.
- Rawan Mohamed | Computer Science undergrad, Northwestern University
   Mentored on performing qualitative coding on user evaluation data.
- Caroline Brewley | High school student researcher
   Mentored on performing a literature review and design sketching low-fidelity prototypes.
- Nusrat Jahan Mazumder | Computer Science undergrad, Bangladesh U of Engg. & Tech
   Coauthored papers: [J1] and [C5]. Next position: PhD student at the University of Virginia.
- Khandaker Ashrafi Akbar | Computer Science undergrad, Bangladesh U of Engg. & Tech
   Coauthored papers: [J1] and [C5]. Next position: PhD student at the University of Texas at Dallas.
- Fatema Khan | Computer Science undergrad, United International University
   Coauthored papers: [C2] and a poster for GHC'17. Next position: Lecturer at Prime Asia University.
- Ahiya Ahammed | Computer Science undergrad, United International University
   Coauthored paper: [C2]. Next position: PhD student at the University of Debrecen, Hungary.