Maitraye Das

https://maitraye.github.io/
ma.das@northeastern.edu

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 enhancing accessibility in collaboration, creativity, and learning. Methodologically, I take a community-centered research approach that involves in-depth formative studies (e.g., contextual interviews, observations, long-term fieldwork) followed by the iterative design, development, and evaluation of new systems. As a researcher and educator, my broader goal is to cultivate a culture of access and inclusion in computing and contribute towards reducing equity gaps in education, employment, and creative work.

Appointment

Northeastern University, Boston, MA, USA
Assistant Professor
Khoury College of Computer Sciences
Department of Art + Design, College of Arts, Media and Design (CAMD)

Education

PhD in Technology and Social Behavior   2022
(Dual degree in Computer Science & Communication)
Northwestern University, Evanston, IL, USA
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

MS in Technology and Social Behavior   2021
Northwestern University, Evanston, IL, USA

BSc in Computer Science and Engineering (CSE) *with Honors* & *Magna cum laude*   2015
Bangladesh University of Engineering and Technology (BUET)
Thesis: Protecting Genomic Privacy in Medical Tests using Distributed Storage
Advisor: Tanzima Hashem

Professional Experience

- **Northeastern University, Boston, MA**
  Sr. Research Fellow | Khoury College of Computer Sciences   Sep 2023 – Dec 2023
  Visiting Assistant Professor | Khoury College of Computer Sciences   Oct 2022 – Aug 2023

- **University of Washington, Seattle, WA** | Postdoctoral Scholar   Sep 2022 – Aug 2023
  Paul G. Allen School of Computer Science and Engineering and
  Center for Research & Education on Accessible Technology & Experiences (CREATE)

- **Northwestern University, IL** | Graduate Research & Teaching Assistant   Sep 2017 – Aug 2022

- **Microsoft Research, WA** | Research Intern, Ability Team   Summer 2020

- **United International University, Bangladesh** | Lecturer, Dept. of CSE   Oct 2015 – Mar 2017

Peer-Reviewed Publications

[Top-tier venues in Human-Computer Interaction include extensively peer-reviewed conferences such as CHI and CSCW. These highly selective conferences are intended for archival papers and comparable to journals in visibility, selectivity, and impact. Directly mentored students are marked with an asterisk (*).]

P14. **Maitraye Das,** Abigale Stangl, and Leah Findlater. 2024. "That comes with a huge career cost": Understanding Collaborative Ideation Experiences of Disabled Professionals. In *Proceedings of the ACM on Human-Computer Interaction, 8, CSCW1, Article 179 (April 2024), 28 pages.*

P13. **Maitraye Das**, Alexander J. Fiannaca, Meredith Ringel Morris, Shaun Kane,and Cynthia L. Bennett. 2024. From Provenance to Aberrations: Image Creator and Screen Reader User Perspectives on Alt Text for AI-Generated Images. In *Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24).* [acceptance rate: 26.3%]

P12. **Maitraye Das**, Darren Gergle, Anne Marie Piper. 2023. Simphony: Enhancing Accessible Pattern Design Practices among Blind Weavers. In *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '23).* [acceptance rate: 28.39%]

P11. **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%]

P10. **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). [Impact Factor: 4.11]

♟P9. **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. [Impact Factor: 4.57]
Best Paper Award (top 1% of submissions)
Recognition for Contribution to Diversity & Inclusion

⚥P8. Kelly Avery 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 & Accessibility (ASSETS '21).* [acceptance rate: 29%]
Best Paper Nomination
Invited article in Communications of the ACM Research Highlights

P7. 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). [Impact Factor: 3.57]

⚥P6. **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).* [acceptance rate: 24.3%]
Best Paper Honorable Mention (Top 5% of submissions)**.**

P5. **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. [Impact Factor: 4.57]
Best Paper Honorable Mention (Top 5% of submissions)

P4. **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. [acceptance rate: 23.8%]

P3. *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).

P2. 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)*. [acceptance rate: 25%]

🏆 P1. **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 42nd IEEE International Conference on Computers, Software, & Applications (COMPSAC '18)*. [acceptance rate: 24%] **Best Paper Award**

Papers Under Review or In Preparation

Pr2. Kiley Sobel, **Maitraye Das**, Sara Behbakht, and Julie Kientz. Incloodle-Classroom: Technology for Inclusive Joint Media Engagement in a Neurodiverse Kindergarten Classroom. *Under Review in Transactions of Computer-Human Interaction (TOCHI).*

Pr1. *Aaleyah Lewis, Jesse Martinez, **Maitraye Das,** and James Fogarty. *Paper related to deceptive design patterns and access barriers.*

Book Chapter

B1. **Maitraye Das,** Katya Borgos-Rodriguez, and Anne Marie Piper. 2023. A Case Study of Skilled Craftwork among Blind Fiber Artists. In Elizabeth Guffey ed. *After Universal Design: The Disability Design Revolution.* Bloomsbury.

Doctoral Consortium

D1. **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).*

Workshops Co-organized

W2. Cynthia Bennett, **Maitraye Das**, Michael Madaio, Abigale Stangl. 2023. Intro to Popular Generative AI Tools: Opportunities and Challenges for Accessibility. In *Accessible Technology Conference hosted by the New York Public Library.*

W1. Maryam Bandukda, Giulia Barbareschi, Aneesha Singh, Dhruv Jain, **Maitraye Das,** Tamanna Motahar, Jason Wiese, Lynn Cockburn, Amit Prakash, David Frohlich, Catherine Holloway. 2022. A Workshop on Disability Inclusive Remote Co-Design. In *Proceedings of the ACM Conference on Computers & Accessibility (ASSETS '22).*

Magazine Articles

M2. Kelly Avery 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 *Communications of the ACM* 66, 8 (August 2023).

M1. Maria Hamdani, Najma Farrukh Hamdani, **Maitraye Das.** *2023.* How to Enhance Productivity of Your Employees with ADHD in the Virtual Workplace. In *MIT Sloan Management Review.*

Short Papers, Posters, and Presentations

S15. **Maitraye Das.** 2021. Augmenting Ability-Diverse Collaboration. In *MIT EECS Rising Stars Workshop.*

S14. **Maitraye Das.** 2021. Designing for Accessible Collaborative Content Creation for People with Vision Impairments. In *Human-Computer Interaction Consortium (HCIC '21).*

S13. **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).*

S12. **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).*

S11. **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).*

S10. **Maitraye Das.** 2019. Designing for Collaborative Content Creation for People with Vision Impairments. *Microsoft Research PhD Fellowship Finalist Presentation*, Redmond, WA, USA.

S9. **Maitraye Das.** 2018. Understanding Collaborative Writing Practices of People with Visual Impairments. In the *ACM International Conference on Pervasive & Ubiquitous Computing (UbiComp '18).*

S8. **Maitraye Das.** 2018. Towards Understanding the Effects of Social Networking on Postpartum Depression in Women. *Grace Hopper Celebration (GHC)*, USA.

S7. 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 20ᵗʰ IEEE International Conference on Computer & Information Technology (ICCIT '17).*

S6. **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).*

S5. *Fatema Khan and **Maitraye Das**. 2016. SafeTeens: Supporting Parental Monitoring of Children's Internet Activities. In *the ACM Student Research Competition at the Grace Hopper Celebration (GHC)*, USA.

S4. *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 & Technology (MediTec '16).*

S3. **Maitraye Das,** Sunandita Sarker, and Syeda Lammim Ahad. 2016. A Novel Health Support System with Biometric Data Acquisition Device. In *Proceedings of the 19th International Conference on Computer & Information Technology (ICCIT '16).*

S2. **Maitraye Das,** Sharmin Afrose, and Tanzima Hashem. 2015. Protecting Genomic Privacy in Medical Tests using Distributed Storage. *Grace Hopper Celebration of Women in Computing (GHC)*, USA.

🏆 S1. **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

Awards and Honors

- *Communications of the ACM Research Highlights (CACM-RH) [P8]*   2022
  From ACM's website: "With a readership of over 100,000 from over 100 countries, publication in CACM-RH provides unmatched visibility and is regarded as a significant honor."

- *Advanced Rehabilitation Research and Training (ARRT) Postdoctoral Fellowship*   2022–2023
  UW Center for Research & Education on Accessible Technology & Experiences | Funding: NIDILRR

- *Donald H. and Carolyn E. Ecroyd Fellowship*   2022
  Department of Communication Studies, Northwestern University

- *Rising Star in Electrical Engineering and Computer Science (EECS)*   2021

- *Best Paper Award [P9]*   2021
  ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW)

- *Recognition for Contribution to Diversity & Inclusion [P9]*   2021
  ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW)

- *Best Paper Nomination [P8]*   2021
  ACM Conference of Computers & Accessibility (ASSETS)

- *PhD Student Research Award* | Dept. of Computer Science, Northwestern University   2021

- *Best Paper Honorable Mention Award [P6]*   2020
  ACM Conference on Human Factors in Computing Systems (CHI)

- *Finalist (among top 20 students)* | Microsoft Research PhD Fellowship   2020

- *Best Paper Honorable Mention Award [P5]*   2019
  ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW)

- *Special Recognition for Outstanding Review*
  ACM Conference on Human Factors in Computing Systems (CHI), 6 times   2021–2024
  ACM Conference on Computer-Supported Cooperative Work (CSCW), 2 times   2021, 2019
  ACM Conference on Designing Interactive Systems (DIS)   2022

- *Best Paper Award [P1]*   2018
  IEEE International Conference on Computers, Software, & Applications (COMPSAC)

- *Student Scholarship* | Grace Hopper Celebration USA   2018

- *Best Undergraduate Thesis Award* | Dept. of CSE, Bangladesh U of Engg. & Tech   2015

- *Student Scholarship* | Grace Hopper Celebration India   2014

- *Best Technical Poster [S1]* | Grace Hopper Celebration India   2014

- *Dean's List Award* | Bangladesh University of Engineering & Tech   2011–2015

- *University Merit Scholarship* | Bangladesh University of Engineering & Tech   2011–2014

Grants

- *Postdoc Research Award* (sole PI: $10,000)   2022–2023
  Title: Designing Accessible Technologies for Collaborative Ideation in Ability-Diverse Teams
  Paul G. Allen School of Computer Science & Engineering, University of Washington

- *Graduate Research Grant* ($2,999)   2021–2022
  School of Communication, Northwestern University

- *Dissertation Research Grant* ($1,500)   2021
  Department of Communication Studies, Northwestern University

- *Conference Travel Grant*
  University of Washington (~$1,400)   2023
  SIGACCESS Diversity & Inclusion Scholarship for ACM ASSETS conference   2020
  Northwestern University (~$6,000)   2018–2022
  ACM International Conference on Pervasive & Ubiquitous Computing ($600)   2018

Teaching Experience

Northeastern University | Department of Art + Design, CAMD   Spring 2024
Lead Instructor | *ARTG 6600 - Experience Design Studio 2* (Section on Design for Accessibility)

University of Washington | Human-Centered Design & Engineering   Spring – Fall 2023
Lead with Julie Kientz | *HCDE 596 - Directed Research Group (6 students)*

Northwestern University | Dept. of Computer Science / Communication Studies   Winter 2022
Teaching Assistant | *COMP_SCI 314 / COMM_ST 351 – Technology & Human Interaction* (56 students)

United International University (UIU), Dhaka, Bangladesh   Oct 2015 - Mar 2017
Lecturer/Instructor | Department of Computer Science & Engineering (CSE)
- *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

Courses Designed

Northeastern University | *Design for Accessibility*   Spring 2024
Dept. of Art + Design, CAMD experience design studio course for 4 credit hrs

Northwestern University | *Accessible Collaboration*   Mar 2021
Computer Science/Communication Studies undergraduate course | Supervised by *Darren Gergle*

Invited Talks, Guest Lectures, Panels, and Demonstrations

Guest Lecture: *Enhancing Accessibility in Collaborative Content Creation*   Oct 2023
- Introduction to Accessibility Course | U Michigan School of Information | Invited by *Robin Brewer*

Demo: *Cultivating Computational Thinking among Neurodiverse Preschoolers*
- University of Washington | Spring Research Showcase by CREATE   Jun 2023
- University of Washington | ARRT External Advisory Board Meeting   Jun 2023

Talk: *Designing for Accessible Collaborative Content Creation in Ability-Diverse Teams*
- CMU HCI Institute | A11y Lunch | Invited by BigLab (director: *Jeffrey Bigham*)   Mar 2023
- University of Washington | Makeability Lab | Invited by *Jon Froehlich*   Dec 2022
- University of Washington | DUB seminar | Invited by *James Fogarty*   Nov 2022
- University of Illinois Urbana-Champaign | Department of Computer Science   Apr 2022
- Pennsylvania State University | College of Information Sciences & Technology   Mar 2022
- Virginia Tech | Department of Computer Science   Mar 2022
- University of Utah | School of Computing   Mar 2022
- Johns Hopkins University | Department of Computer Science   Mar 2022
- Indiana University Bloomington | Luddy School of Informatics, Computing, & Engg.   Mar 2022
- Northeastern University | Khoury College of Computer Sciences   Feb 2022
- Georgia Institute of Technology | Department of Interactive Computing   Feb 2022
- Ohio State University | Department of Computer Science & Engineering   Feb 2022
- Arizona State University | School of Computing & Augmented Intelligence   Feb 2022
- George Mason University | Department of Computer Science   Feb 2022
- New Jersey Institute of Technology | Department of Informatics   Feb 2022
  MIT CSAIL | Visualization Group | Invited by *Arvind Satyanarayanan*   Dec 2021
- University of Washington | CREATE   Oct 2021

Talk: *Understanding Accessibility in Collaborative Writing for People with Vision Impairments*
- Microsoft Office and Windows Accessibility Teams   Feb 2021

Guest Lecture: *Understanding Accessibility in Collaborative Writing*
  Input & Interaction Course | U of Washington iSchool | Invited by *Annuska Zolyomi*   Nov 2020

Talk: *Understanding Accessibility in Remote Work for Neurodivergent Professionals*
- New Future of Work Group | Microsoft   Sep 2020

Talk: *Designing for Accessible Interaction*
  Bangladesh HCI and ICTD Study and Research Group | Invited by *Syed Ishtiaque Ahmed*   Apr 2020

Demo: *Technologies for Accessible Collaborative Writing and Weaving*

- TSB Prospective PhD Students Visiting Weekend | Northwestern University   2022, 2019

Professional Service

Organizing Committee Member

    ACM ASSETS (Conference on Computers & Accessibility) | Accessibility Co-Chair   2024

Program Committee Member

    ACM CHI | Associate Chair, Learning, Education, and Families Subcommittee   2024

    ACM CHI | Associate Chair, Understanding People: Qual Methods Subcommittee   2023

    ACM ASSETS   2022, 2023

    ACM COMPASS (Conference on Computing & Sustainable Societies)   2021

    Grace Hopper Celebration, HCI Track   2021

Reviewer: Conferences

    ACM CHI [*outstanding review recognitions: 6]   2021 - Present

    ACM CSCW [*outstanding review recognitions: 2]   2019 - 2021, 2023

    ACM DIS [*outstanding review recognition: 1]   2020, 2022

    ACM UIST (Symposium on User Interface Software & Technology)   2022

    IEEE COMPSAC (International Conference on Computers, Software, & Applications)   2021

    Grace Hopper Celebration   2017

    Australasian Database Conference   2016

Reviewer: Journals

    ACM TOCHI (Transactions of Computer-Human Interaction)   2023

    Springer CSCW (Computer Supported Cooperative Work)   2022

    ACM TACCESS (Transactions on Accessible Computing)   2021

Student Volunteer

    ACM CHI   2019, 2021

    ACM CSCW   2019

    ACM UbiComp (International Conference on Pervasive & Ubiquitous Computing)   2018

University Service

At Northeastern University

    Reviewer | Computer Science PhD admission, Khoury   2024, 2023

    Reviewer | Interdisciplinary Design and Media PhD admission, CAMD   2024, 2023

At University of Washington

    Reviewer | CREATE research proposals on race, technology, and disability   2023

    Judge | HCDE graduate capstone showcase   2023

    Co-organizer | CREATE Holiday Party   2022

    Judge | CSE 440 – Intro to HCI course poster showcase   2022

At Northwestern University

    Panelist | TSB Prospective PhD Students Visiting Weekend   2018, 2021

    Publicity Co-chair and Planning Committee Member | InfoSocial Graduate Conference   2019

    Student volunteer | InfoSocial Graduate Conference   2018

Advising

Doctoral Advising:
- Rudaiba Adnin | PhD student, CS, Northeastern — Mar 2023 – Present

Additional Graduate Research Advising and Mentoring:
- Huiru Yang | MS student, CS, Northeastern (Khoury Apprenticeship) — Jan 2024 – Present
- Nihar Sanda | MS student, CS, Northeastern — Jan 2024 – Present
- Aaleyah Lewis | PhD student, CSE, UW — Oct 2022 – Sep 2023
  Coauthored paper: [Pr2].
- Bonnie Liu | MS student, HCDE, UW — Jun 2023 – Dec 2023
- Katrina Vergara | MS student, HCDE, UW — Jun – Aug 2023
- Patricia Ho | MS student, HCDE, UW — Apr – Jun 2023
- Ke Luka Liu | MS student, HCDE, UW — Apr – Jun 2023
- Ganesh Karthik Sankar | MS student, HCDE, UW — Jan – Mar 2022
- Evan Li | MS student, Mechanical Engineering, Northwestern — 2020

Undergraduate and Highschooler Research Advising and Mentoring:
- Megan Tran | Undergrad, Informatics, UW — Jun 2023 – Present
- Amanda Ong | Undergrad, Interaction Design, UW — Jun 2023 – Present
- Thomas McHugh | Undergrad, Learning Sciences, Northwestern — 2020 – 2021
  Coauthored paper: [P11]. Own the first place at the ACM Student Research Competition (SRC) at ASSETS 2020 and SRC Grand Finals 2021. Next position: Software engineer, Apple.
- Rawan Mohamed | Undergrad, CS, Northwestern — 2020
- Caroline Brewley | High school student researcher — 2019
- Nusrat Jahan Mazumder | Undergrad, CSE, Bangladesh U of Engg. & Tech — 2017–2018
  Coauthored papers: [P1, P3]. Next position: PhD student, University of Virginia.
- Khandaker Ashrafi Akbar | Undergrad, CSE, Bangladesh U of Engg. & Tech — 2017–2018
  Coauthored papers: [P1, P3]. Next position: PhD student, University of Texas at Dallas.
- Fatema Khan | Undergrad, CSE, United International University — 2016
  Coauthored papers: [S1, S4]. Next position: Lecturer, Prime Asia University, Bangladesh.
- Ahiya Ahammed | Undergrad, CSE, United International University — 2016
  Coauthored paper: [S4]. Next position: PhD student, University of Debrecen, Hungary.

Outreach & Memberships

Co-host & Co-organizer
Inspiring Stories (podcast series on Bangladeshi women in STEM) — 2020 – 2021

Member
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
Northwestern Graduate Women in Computing — 2019 – 2021
Bangladeshi Women in Computer Science & Engineering — 2015 – 2019

Code Coach Volunteer
BraveCamp Chicago, Brave Initiatives (non-profit coding camp for high school girls) — Summer 2018

Vice-President
Murchhona: BUET (cultural club) — 2014 – 2015