

Md Nazmus Sakib

msakib1@umbc.edu

mnazmussakib.github.io | Google Scholar | linkedin.com/in/nazmussakib21

RESEARCH INTERESTS

Human-Centered AI, AI for Socio-Technical and Institutional Contexts, Social Computing

EDUCATION

Ph.D. in Computer Science (Ongoing), *University of Maryland, Baltimore County (UMBC)*

Advisor: Dr. Sanorita Dey

Jan. 2023 – 2027(Expected)

M.Sc. in Computer Science

Jan. 2023 – May. 2025

University of Maryland, Baltimore County (UMBC)

Maryland, USA

B.Sc in Computer Science & Engineering (CSE)

Jan. 2016 – Dec 2019

Islamic University of Technology (IUT)

Dhaka, Bangladesh

WORK EXPERIENCE

Graduate Teaching Assistant

University of Maryland, Baltimore County (UMBC)

Jan. 2023 – Present

Assistant Software Engineer (Front-End Developer)

Millennium Information Solution Limited, Dhaka, Bangladesh

Jan. 2021 – Jul. 2022

SELECTED PUBLICATIONS

Expecting Too Much, Getting Too Little: Exploring the Challenges and Design Opportunities of Asynchronous AI Interviewers — **Md Nazmus Sakib**, N. M. Rayasam, S. Dey. (Accepted at **ACM CSCW '26**) [!\[\]\(206536f97fdb267876a3a10ea42b0254_img.jpg\)](#)

ReflectEd: Evaluating Reflection-Driven Learning in an AI-Assisted System — **Md Nazmus Sakib**, I. Tarin, N. M. Rayasam, M. Gaur, S. Dey. (Accepted at **AIED '26**) [!\[\]\(a551b0630a928855fed2157a11076906_img.jpg\)](#)

Competing or Collaborating? The Role of Hackathon Formats in Shaping Team Dynamics and Project Choices — S. N. Tisha, **Md Nazmus Sakib**, S. Dey. (**ACM SIGCSE TS '26**). [!\[\]\(241407ae374027aec4b030ca93d07b05_img.jpg\)](#)

Understanding the Impact of YouTube Videos on Parents of Children with Developmental Delay and Disabilities. — **Md Nazmus Sakib**, S. Ahmed, S. Dey. (**ACM GROUP '25**) [!\[\]\(c1b924320d9ec7587a1dd427119524d0_img.jpg\)](#)

Post-Roe Public Discourse: A Temporal Analysis of Discussion on US Abortion Law Changes. — H. N. Venkata, V. Palakurthi, S. S. B. Devalam, **Md Nazmus Sakib**, S. Ahmed, S. Dey. In Companion of the 2024 Computer-Supported Cooperative Work and Social Computing (**ACM CSCW '24**) [!\[\]\(b626ca8a6876887fc3858e02aec38235_img.jpg\)](#)

The Dual Role of Student and Creator: Exploring The TikTok Experience. — B. K. Bulley, S. Tirumala, B. S. Mahamkali, **Md Nazmus Sakib**, S. Ahmed, S. Dey. In Companion of the 2024 Computer-Supported Cooperative Work and Social Computing (**ACM CSCW '24**) [!\[\]\(b96b3a660a85c4a0498f921ce823c64a_img.jpg\)](#)

Augmented Reality Based Lifelogging System For Reminiscence. **Md Nazmus Sakib**, M. M. Rahman, H. Mahmud, M. K. Hasan. In International Conference on 4th Industrial Revolution and Beyond (**IC4IR '22**). [!\[\]\(dcadc17c064c775919616fcc152162e9_img.jpg\)](#)

WORK IN PROGRESS

Design Interventions for AI-Facilitated Collaborative Visual Sensemaking — S. N. Tisha, **Md Nazmus Sakib**, S. Dey, R. Williams, K. Chen

Design Considerations of Digital Twin Recruiters in AI-driven Asynchronous Interviews — **Md Nazmus Sakib**, V. Sinha, S. Mondal, S. Dey

Assessing Structured Nudges for Balanced Information Processing in Human-LLM Interaction — **Md Nazmus Sakib**, N. M. Rayasam, S. Dey

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C, C++, SQL, HTML/CSS

Libraries: Keras, Pandas, NumPy, Tensorflow, Hugging Face Transformers, PyTorch, Scikit-Learn, Matplotlib, NLTK

Data Engineering: Apache Spark, SQL, NoSQL (MongoDB), Plotly

Miscellaneous: Linux, Git, GitHub, LaTeX

ACADEMIC SERVICES

Institutional Review Board (IRB) Member - Primary Reviewer Jan. 2024 - Present
University of Maryland, Baltimore County (UMBC)

Conference Reviewer
ICWSM 2024, **HEALTH** 2024, **GROUP** 2025, 2027, **AAAI Spring Symposium** 2025, **RESPECT** 2025

AWARDS OR GRANTS

OIC Scholarship 2020 Jan. 2020
SIGCHI Gary Marsden Travel Award Jan. 2025