

Md Nazmus Sakib

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RESEARCH INTEREST

- Human-Computer Interaction
- Responsible AI
- Computational Social Science
- Social NLP

EDUCATION

Ph.D. in Computer Science

University of Maryland, Baltimore County (UMBC)

Jan. 2023 – 2027(Expected)

Maryland, USA

- Advisor: Dr. Sanorita Dey

B.Sc in Computer Science & Engineering (CSE)

Islamic University of Technology (IUT)

Jan. 2016 – Dec 2019

Dhaka, Bangladesh

WORK EXPERIENCE

Graduate Teaching Assistant

University of Maryland, Baltimore County (UMBC)

Prof. Jeremy Dixon

Jan. 2023 – Present

- Course: CMSC 202 (Object Oriented Programming with C++)

Assistant Software Engineer (Front-End Developer)

Millennium Information Solution Limited, Dhaka, Bangladesh

Jan. 2021 – Jul. 2022

Junior Software Tester

Monico Technologies Limited, Dhaka, Bangladesh

Jan. 2020 – Dec. 2020

PUBLICATIONS

Augmented Reality Based Lifelogging System For Reminiscence. **Md Nazmus Sakib**, Mehrab Mustafy Rahman, Hasan Mahmud, Md Kamrul Hasan. In International Conference on 4th Industrial Revolution and Beyond (IC4IR), pp. 493-504, 2022.

UNDER REVIEW

Social Provisions Through Digital Platforms: Understanding the Impact of YouTube Videos on Parents of Children with Developmental Delay and Disabilities. Saquib Ahmed, **Md Nazmus Sakib**, Sanorita Dey. In the Proceedings of the ACM 2024 Conference on Computer-Supported Cooperative Work and Social Computing (CSCW).

ONGOING RESEARCH

- *Evaluation of the Impact of Query Framing in LLM Chatbots on User Perception and Polarization.* **Md Nazmus Sakib**, Naga Manogna Rayasam, Sanorita Dey.
- *Exploring the Challenges and Fairness in the AI Based Hiring Tools.* **Md Nazmus Sakib**, Tarunkrishna Reddy Kolli, Sanorita Dey.

TECHNICAL SKILLS

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

Frameworks: Angular

Developer Tools: VS Code, Jupyter Notebook, PyCharm, Codeblocks

Libraries: Pandas, NumPy, Tensorflow, Scikit-Learn, Matplotlib, NLTK

Others: LaTeX, MS Office

ACADEMIC SERVICES

Institutional Review Board (IRB) Member - Primary Reviewer

Jan. 2024 - Present

University of Maryland, Baltimore County (UMBC)

Conference Reviewer

- The International AAAI Conference on Web and Social Media (ICWSM)

2024