

CONTACT INFORMATION	<p>George Mason University 4400 University Drive Fairfax, Virginia 22030</p> <p>571-373-7109 sakter6@gmu.edu</p>
RESEARCH INTERESTS	Text and Framing Analysis, Low-Resource and Multilingual NLP, Speech Recognition, Speech Translation, Language Documentation, Natural Language Processing.
EDUCATION	<p>George Mason University, Fairfax, VA</p> <p>Ph.D., Computer Science, 2021-2025 (Expected)</p> <ul style="list-style-type: none"> • Advisor: Antonios Anastasopoulos, Ph.D, Assistant Professor <p>Bangladesh University of Professionals, Dhaka, Bangladesh</p> <p>B.Sc, Computer Science and Engineering, January 2018</p> <ul style="list-style-type: none"> • Bachelor Thesis: <i>Development of a Machine Learning Framework for Sorting and Classifying Unstructured Data from Resumes</i> • Advisor: Hasan Sarwar, Ph.D • Cumulative GPA: 3.70/4.00
RESEARCH EXPERIENCE	<p>Research Assistant May 2023 – August 2023</p> <p>George Mason NLP Lab George Mason University Supervisor: Antonios Anastasopoulos, Ph.D.</p> <p>Student Researcher June 2021 – Present</p> <p>George Mason NLP Lab George Mason University Supervisor: Antonios Anastasopoulos, Ph.D.</p> <p>Research Assistant May 2022 – August 2022</p> <p>George Mason NLP Lab George Mason University Supervisor: Antonios Anastasopoulos, Ph.D.</p>
TEACHING EXPERIENCE	<p>Teaching Assistant Fall 2022-Spring 2023</p> <p>CS 678 - Advanced Natural Language Processing Instructor: Dr. Antonios Anastasopoulos, Dr. Ziyu Yao, Dr Sina Ahmadi Department of Computer Science and Engineering George Mason University</p> <p>Teaching Assistant Spring 2021, Spring 2022</p> <p>CS 310 - Data Structures Instructor: Dr. Katherine Russell, Dr. Tessema Mengistu Department of Computer Science and Engineering George Mason University</p> <p>Teaching Assistant Fall 2021</p> <ul style="list-style-type: none"> • SWE 437 - Software Testing and Maintenance Instructor: Dr. Jeff Offut Department of Software Engineering George Mason University • SWE 637 - Software Testing Instructor: Dr. Robert Kurtz Department of Software Engineering George Mason University

Lecturer

Jan 2019- June 2020

Courses: Data Structure, Structured Programming Language,
Object Oriented Programming(C++), Digital Logic Design,
Operating Systems, Computer Architecture.

Dept Head: Raihan-Ul-Masood

Department of Computer Science and Engineering

Northern University Bangladesh

PUBLICATIONS

1. **Syeda Sabrina Akter** and Antonios Anastasopoulos. 2022. The GMU System Submission for the SUMEval 2022 Shared Task. In Proceedings of the First Workshop on Scaling Up Multilingual Evaluation, pages 13–20, Online. Association for Computational Linguistics.
2. M. N. Islam, T. T. Inan, S. Rafi, **S. S. Akter**, I. H. Sarker and A. K. M. N. Islam, "A Systematic Review on the Use of AI and ML for Fighting the COVID-19 Pandemic," in IEEE Transactions on Artificial Intelligence, doi: 10.1109/TAI.2021.3062771.
3. Salehin S, **Akter SS**, Ibnat A, Anannya TT, Liya NN, Paramita M, Karim MM. An IoT Based Proposed System for Monitoring Manhole in Context of Bangladesh. In 2018 4th International Conference on Electrical Engineering and Information & Communication Technology (iCEEICT) 2018 Sep 13 (pp. 411-415). IEEE.

RESEARCH TALK

- Presented my current research in The ACM Capital Region Celebration of Women in Computing Conference (CAPWIC), 2023.

AWARDS

Competitive Awards

- **Outstanding Graduate Teaching Assistant Award**, 2022-2023, Department of Computer Science, GMU
- **Best Project Award**, Faculty of Electrical and Computer Engineering (2017, MIST)
- **Commandant's List Award** for Academic Excellence (2016, MIST)
- **IUT ICT Fest Project Showcasing – Runners Up** (2017, Islamic University of Technology)

SERVICES

- Volunteer for 2022 Annual Conference of the North American Chapter of the Association for Computational Linguistics
- Teaching Assistant to a guest Lecture in Georgetown University, 2023
- Teaching Assistant for Summer Guild Breakthrough tech 2021, 2022

MISCELLANEOUS

Languages:

- Bengali, English

Computer Programming:

- Python, PyTorch, Sci-kit Learn, C, C++, Java, PHP, UNIX shell scripting, SQL, MySQL, MATLAB, and others