

## Syeda Sabrina Akter

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CONTACT INFORMATION	George Mason University 4400 University Drive Fairfax, Virginia 22030	Personal Website 571-373-7109 sakter6@gmu.edu
RESEARCH INTERESTS	Large Language Models, Text and Framing Analysis, Low-Resource and Multilingual NLP, Speech Recognition, Speech Translation, Language Documentation.	
EDUCATION	<b>George Mason University</b> , Fairfax, VA  Ph.D., Computer Science, 2021-2025 (Expected) <ul style="list-style-type: none"><li>• Advisor: Antonios Anastasopoulos, Ph.D, Assistant Professor</li></ul> <b>Bangladesh University of Professionals</b> , Dhaka, Bangladesh  B.Sc, Computer Science and Engineering, January 2018 <ul style="list-style-type: none"><li>• Bachelor Thesis: <i>Development of a Machine Learning Framework for Sorting and Classifying Unstructured Data from Resumes</i></li><li>• Advisor: Hasan Sarwar, Ph.D</li><li>• Cumulative GPA: 3.70/4.00</li></ul>	
RESEARCH EXPERIENCE	<b>Research Assistant</b>	May 2023 – August 2023
	George Mason NLP Lab George Mason University Supervisor: Antonios Anastasopoulos, Ph.D.	
	<b>Student Researcher</b>	June 2021 – Present
	George Mason NLP Lab George Mason University Supervisor: Antonios Anastasopoulos, Ph.D.	
PUBLICATIONS	<b>Research Assistant</b>	May 2022 – August 2022
	George Mason NLP Lab George Mason University Supervisor: Antonios Anastasopoulos, Ph.D.	
	1. <b>Syeda Sabrina Akter</b> and Antonios Anastasopoulos. 2023. A Study on Scaling Up Multilingual News Framing Analysis. The 2023 Conference on Empirical Methods in Natural Language Processing [Under Review]	
	2. <b>Syeda Sabrina Akter</b> 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.	
PUBLICATIONS	3. Islam, Muhammad Nazrul, Toki Tahmid Inan, Suzzana Rafi, <b>Syeda Sabrina Akter</b> , Iqbal H. Sarker, and AKM Najmul Islam. "A systematic review on the use of AI and ML for fighting the COVID-19 pandemic." IEEE Transactions on Artificial Intelligence 1, no. 3 (2020): 258-270.	
	4. Salehin, Saadnoor, <b>Syeda Sabrina Akter</b> , Anika Ibnat, Tasmiah Tamzid Anannya, Nurun Nahar Liya, Manisha Paramita, and Md Mahboob Karim. "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), pp. 411-415. IEEE, 2018.	

TEACHING EXPERIENCE	<b>Teaching Assistant</b> Fall 2022-Spring 2023 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
	<b>Teaching Assistant</b> Spring 2021, Spring 2022 CS 310 - Data Structures Instructor: Dr. Katherine Russell, Dr. Tessema Mengistu Department of Computer Science and Engineering George Mason University
	<b>Teaching Assistant</b> Fall 2021 <ul style="list-style-type: none"> <li>SWE 437 - Software Testing and Maintenance              Instructor: Dr. Jeff Offut              Department of Software Engineering              George Mason University</li> <li>SWE 637 - Software Testing              Instructor: Dr. Robert Kurtz              Department of Software Engineering              George Mason University</li> </ul>
	<b>Lecturer</b> 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
RESEARCH TALK	<ul style="list-style-type: none"> <li>Presented my current research in The ACM Capital Region Celebration of Women in Computing Conference (CAPWIC), 2023.</li> </ul>
AWARDS	Competitive Awards <ul style="list-style-type: none"> <li><b>Outstanding Graduate Teaching Assistant Award</b>, 2022-2023, Department of Computer Science, GMU</li> <li><b>Best Project Award</b>, Faculty of Electrical and Computer Engineering (2017, MIST)</li> <li><b>Commandant's List Award</b> for Academic Excellence (2016, MIST)</li> <li><b>IUT ICT Fest Project Showcasing – Runners Up</b> (2017, Islamic University of Technology)</li> </ul>
SERVICES	<ul style="list-style-type: none"> <li>Volunteer for 2022 Annual Conference of the North American Chapter of the Association for Computational Linguistics</li> <li>Teaching Assistant to a guest Lecture in Georgetown University, 2023</li> <li>Teaching Assistant for Summer Guild Breakthrough tech 2021, 2022</li> </ul>
MISCELLANEOUS	Languages: <ul style="list-style-type: none"> <li>Bengali, English</li> </ul> Computer Programming: <ul style="list-style-type: none"> <li>Python, PyTorch, Sci-kit Learn, C, C++, Java, PHP, UNIX shell scripting, SQL, MySQL, MATLAB, and others</li> </ul>