

Mohammed Saidul Islam

M.Sc. STUDENT · COMPUTER SCIENCE

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Education

York University

MASTERS IN COMPUTER SCIENCE

- Advisor: Dr. Enamul Hoque Prince

Toronto, Ontario, Canada

September, 2023 - present

Islamic University of Technology

B.Sc. IN COMPUTER SCIENCE AND ENGINEERING

- Advisor: Dr. Abu Raihan Mostofa Kamal

Gazipur, Dhaka, Bangladesh

January, 2016 - December, 2019

Professional Experience

- 2023-2024 **Graduate Teaching Assistant**, Department of EECS, York University
- 2023-2024 **Graduate Research Assistant**, Department of EECS, York University
- 2021-2023 **Lecturer (On Leave)**, Department of CSE, Islamic University of Technology
- 2018-2019 **Undergraduate Research Assistant**, Department of CSE, Islamic University of Technology

Publications

CONFERENCE PROCEEDINGS

- Rahman, M. M.*, **Islam, M. S.***, Laskar, M. T. R., Hossain, M. A., & Kamal, A. R. M. (2023). "Multihop Factual Claim Verification Using Natural Language Prompts." *Proceedings of the Canadian Conference on Artificial Intelligence, 2023*.
- Ekram, Syed Mohammed Sartaj, Adham Arik Rahman, Md Sajid Altaf, **Mohammed Saidul Islam**, Mehrab Mustafy Rahman, Md Mezbaur Rahman, Md Azam Hossain, and Abu Raihan Mostofa Kamal. "BanglaRQA: A Benchmark Dataset for Under-resourced Bangla Language Reading Comprehension-based Question Answering with Diverse Question-Answer Types." *In Findings of the Association for Computational Linguistics: EMNLP 2022, pp. 2518-2532. 2022*.
- Rahman, Md Mezbaur, Saadman Malik, **Mohammed Saidul Islam**, Fardin Saad, Md Azam Hossain, and Abu Raihan Mostofa Kamal. "An Efficient Approach to Automatic Tag Prediction from Movie Plot Synopses using Transformer-based Language Model." *In 2022 25th International Conference on Computer and Information Technology (ICCIT), pp. 501-505. IEEE, 2022*.
- Rabib, Hasnain Karim, Mostafa Galib, Takia Mosharref Nobo, Tanjila Alam Sathi, **Mohammed Saidul Islam**, Abu Raihan Mostofa Kamal, and Md Azam Hossain. "Gender-based Cyberbullying Detection for Under-resourced Bangla Language." *In 2022 12th International Conference on Electrical and Computer Engineering (ICECE), pp. 104-107. IEEE, 2022*.

JOURNAL ARTICLES

- Islam, Mohammed Saidul**, Iqram Hussain, Md Mezbaur Rahman, Se Jin Park, and Md Azam Hossain. "Explainable artificial intelligence model for stroke prediction using EEG signal." *Sensors 22, no. 24 (2022): 9859*.

PREPRINTS

- Kabir, Mohsinul*, **Mohammed Saidul Islam***, Md Tahmid Rahman Laskar, Mir Tafseer Nayeem, M. Saiful Bari, and Enamul Hoque. "Benllmeval: A comprehensive evaluation into the potentials and pitfalls of large language models on bengali nlp." *arXiv preprint arXiv:2309.13173 (2023)*.

*Equal contribution

Awards & Scholarships

- 2023 **Graduate Research Fellowship**, York University
- 2023 **Graduate Entrance Scholarship**, York University
- 2016-2019 **OIC Partial Scholarship**, Islamic University of Technology
- 2015 **Government Scholarship**, Intermediate and Secondary Education Boards, Bangladesh
- 2013 **Government Scholarship**, Intermediate and Secondary Education Boards, Bangladesh
- 2021 **Finalist**, International Data Analysis Olympiad

Skills

LANGUAGE AND DATABASE. Python, C, C++, Java, LaTeX, MySQL, Oracle SQL

DEVELOPMENT TOOLS. VSCode, Jupyter Notebook, Spyder, Matlab, Netbeans, IntelliJ, Eclipse

FRAMEWORKS AND LIBRARIES. PyTorch, TensorFlow, Keras, Scikit-learn, Numpy, Matplotlib, HuggingFace

Certifications

MACHINE LEARNING. by Stanford University in Coursera

TENSORFLOW IN PRACTICE SPECIALIZATION. by DeepLearning.ai in Coursera

IBM DATA SCIENCE PROFESSIONAL CERTIFICATE. by IBM in Coursera

Teaching Experience

- Winter'24 **EECS 1022: Introduction to Object Oriented Programming**, Teaching Assistant
- Summer'22 **CSE 4407: System Analysis and Design**, Instructor
- Winter'22 **CSE 4107: Structured Programming in C**, Instructor
- Summer'21 **CSE 4407: System Analysis and Design**, Instructor
- Winter'21 **CSE 4107: Structured Programming in C**, Instructor

Outreach & Professional Development

SERVICE AND OUTREACH

- 2019 **IUT Computer Society**, Committee Member

DEVELOPMENT

Organizer and Member of the Supervision team of the short-course titled **“Cyber Security for Information Age: Practices and Challenges”**.

PEER REVIEW

ACL ARR, EMNLP