Mohammed Saidul Islam

M.Sc. Student · Computer Science

York University, 4700 Keele Street, Toronto

✉ saidulis@yorku.ca | ⌂ saidul-islam98.github.io | ⊙ saidul-islam98 | 🐦 @SaidulI38926695

Education

York University | *Toronto, Ontario, Canada*
Masters in Computer Science | *September, 2023 - present*
- Advisor: Dr. Enamul Hoque Prince

Islamic University of Technology | *Gazipur, Dhaka, Bangladesh*
B.Sc. in Computer Science and Engineering | *January, 2016 - December, 2019*
- Advisor: Dr. Abu Raihan Mostofa Kamal

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