

SYFUL ISLAM, DR.

Assistant Professor, Computer Science and Engineering

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EDUCATION

Ph.D. in Information Science and Engineering

Software Engineering Laboratory, Graduate School of Science and Technology, Nara Institute of Science and Technology

2019 - 2022

Japan

Dissertation Link: <https://library.naist.jp/opac/en/book/102597>

Masters (Engg.) in Information Science

Dependable System Laboratory, Graduate school of Information Science, Nara Institute of Science and Technology

2017-2019

Japan

Dissertation Link: <https://library.naist.jp/opac/en/book/92469>

B.Sc. in Computer Science and Telecommunication Engineering

Department of Computer Science and Telecommunication Engineering, Faculty of Engineering and Technology, Noakhali Science and Technology University

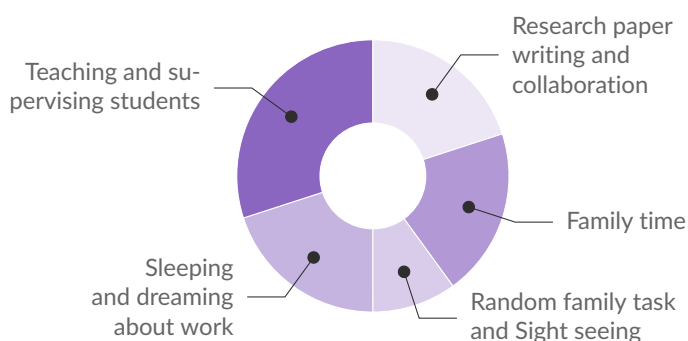
2010-2013

Bangladesh

SELECTED SERVICES

- **Keynote Speaker**, 8th International Summit on Science, Technology and Humanity (ISETH), Indonesia, 2022.
- **Reviewer**, Empirical Software Engineering Journal.
- **Session Chair (Technical Track)**, 29th Asia-Pacific Software Engineering Conference (APSEC 2022), Japan.
- **Session Chair (Technical Track) and Track Chair**, International Conference on Machine Intelligence and Emerging Technologies (MIET 2022), Bangladesh.
- **Member of the program committee**, Data and Tool track of Mining Software Repositories 2023 (MSR 2023).
- **Visiting Lecturer**, Faculty of Communication and Informatics, Universitas Muhammadiyah Surakarta, Indonesia.

A DAY OF MY LIFE



PHILOSOPHY

"Develop and promote creativity with high-order thinking skills"

ONLINE PROFILE

Dblp

<https://dblp.org/pid/252/9373.html>

Google Scholar

<https://shorturl.at/tzAN6>

RESEARCH INTEREST

Software Ecosystem

Software Security

Big Data

NLP

Machine Learning

TEACHING INTEREST

Big Data Management

Software Engineering

Database Management

Machine Learning

EXPERIENCE

Assistant Professor

Department of Computer Science and Engineering, Bangabandhu Sheikh Mujibur Rahman Science and Technology University

02/10/2023 - Ongoing

Bangladesh

Lecturer

Department of Computer Science and Engineering, Bangabandhu Sheikh Mujibur Rahman Science and Technology University

13/07/2023 - 1/10/2023

Bangladesh

Assistant Professor

Department of Computer Science and Telecommunication Engineering, Noakhali Science and Technology University

26/12/2018- 12/07/2023

Bangladesh

Lecturer

Department of Computer Science and Telecommunication Engineering, Noakhali Science and Technology University

26/12/2016- 25/12/2018

Bangladesh

RECENT SELECTED PUBLICATIONS

Conference Proceedings

- Islam, S., Kula, R. G., Treude, C., Chinthanet, B., Ishio, T., & Matsumoto, K. (2021, September). Contrasting third-party package management user experience. In 2021 IEEE International Conference on Software Maintenance and Evolution (ICSME) (pp. 664-668). IEEE.
- Gunawan, D., Nugroho, Y. S., Al Irsyadi, F. Y., Utomo, I. C., Andreansyah, I., & Islam, S. (2022, November). ℓ_p -suppression: A Privacy Preserving Data Anonymization Method for Customer Transaction Data Publishing. In 2022 International Conference on Information Technology Systems and Innovation (ICITSI) (pp. 171-176). IEEE.
- Nugroho, Y. S., Islam, S., Gunawan, D., Kurniawan, Y. I., Hossain, M. J., & Kabir, M. H. (2022). A Study of E-commerce Platform Issues Shared by Developers on Stack Overflow. In Emerging Technologies in Data Mining and Information Security: Proceedings of IEMIS 2022, Volume 1 (pp. 291-299). Singapore: Springer Nature Singapore.

Journal Articles

- 2023:
 - Islam, Syful, Yusuf Sulisty Nugroho, Akib Shahrear, Nuhash Wahed, Dedi Gunawan, Endang Wahyu Pamungkas, Mohammed Humayun Kabir, and Yogiek Indra Kurniawan. "An Empirical Study of Software Ecosystem Related Tweets by npm Maintainers." PeerJ Computer Science (2023). Status: Accepted for publication
 - Islam, Syful, Raula Gaikovina Kula, Christoph Treude, Bodin Chinthanet, Takashi Ishio, and Kenichi Matsumoto. "An empirical study of package management issues via stack overflow." IEICE TRANSACTIONS on Information and Systems 106, no. 2 (2023): 138-147.
 - Rahman, Md Ashikur, Syful Islam, Yusuf Sulisty Nugroho, Fatah Yasin Al Irsyadi, and Md Javed Hossain. "An Exploratory Analysis of Feature Selection for Malware Detection with Simple Machine Learning Algorithms." Journal of Communications Software and Systems 19, no. 3 (2023): 207-219.
- 2022:
 - Islam, Syful, Dong Wang, Raula Gaikovina Kula, Takashi Ishio, and Kenichi Matsumoto. "An Exploration of npm Package Co-Usage Examples from Stack Overflow: A Case Study." IEICE TRANSACTIONS on Information and Systems 105, no. 1 (2022): 11-18.
 - Y. Nugroho, D. Gunawan, D. Puspa Putri, S. Islam and A. Alhefdhi, "A Study of Vulnerability Identifiers in Code Comments: Source, Purpose, and Severity," in Journal of Communications Software and Systems, vol. 18, no. 2, pp. 165-174, May 2022, doi: 10.24138/jcomss-2021-0124.
- 2021:
 - Nugroho, Yusuf Sulisty, Syful Islam, Keitaro Nakasai, Ifraz Rehman, Hideaki Hata, Raula Gaikovina Kula, Meiyappan Nagappan, and Kenichi Matsumoto. "How are project-specific forums utilized? A study of participation, content, and sentiment in the Eclipse ecosystem." Empirical Software Engineering 26, no. 6 (2021): 1-33.
 - Hasan, Md Zobaer, Syful Islam, Kenichi Matsumoto, and Taro Kawai. "SARS-CoV-2 infection initiates interleukin-17-enriched transcriptional response in different cells from multiple organs." Scientific reports 11, no. 1 (2021): 1-11.
 - Hasan, Md Zobaer, Syful Islam, Kenichi Matsumoto, and Taro Kawai. "Meta-analysis of single-cell RNA-seq data reveals phenotypic switching of immune cells in severe COVID-19 patients." Computers in Biology and Medicine 137 (2021): 104792. (Combined 1st author)

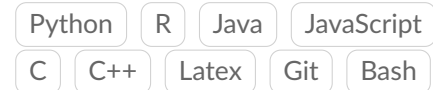
LANGUAGES

Natural Language:

English
Bengali



Programming Language and Tools:



AWARDS RECEIVED



Prime Minister Gold Medal

1st position in BSc (Engg.) examination in the faculty, session: 2009-10.



Chancellor (President) Gold Medal

1st position in Bachelor examination in the university, session: 2009-10.



MEXT Scholarship

For Masters and PhD program.

REFEREES

Professor Kenichi Matsumoto

@ PhD Degree Supervisor
Software Engineering Laboratory, Nara Institute of Science and Technology, Japan
✉ matumoto@is.naist.jp

Professor Michiko Inoue

@ Masters Degree Supervisor
Dependable System Laboratory, Nara Institute of Science and Technology, Japan
✉ kounoe@is.naist.jp

Professor Mohammed Humayun Kabir

@ Bachelor Degree Supervisor
Department of Computer Science and Telecommunication Engineering, Noakhali Science and Technology University, Bangladesh
✉ kabir@nstu.edu.bd

MY CONTACT DETAIL

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Email2: @ syfulcste@gmail.com

Phone: ☎ +8801718745365