

G. M. Shahariar

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Github: github.com/shahariar-shibli

LinkedIn: [linkedin.com/in/shahariar-shibli](https://www.linkedin.com/in/shahariar-shibli)

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Research Interests

Natural Language Processing, Natural Language Generation, Summarization, Low Resource Language, LLMs, Self-supervised Learning, Interpretability of Language Models, Machine Learning, Deep Learning, Computer Vision.

Education

Ahsanullah University of Science and Technology (AUST)

Dhaka, Bangladesh

B.Sc. in Computer Science and Engineering

2014 - 2018

CGPA: **3.973**/4.00

Thesis: Spam Review Detection using Deep Learning

Supervisor: [Mr. Faisal Muhammad Shah](#), Associate Professor, AUST

Awards and Honours

- **Best Paper**, Human-Computer Interaction and NLP track, ECCE 2023
- **Prime Minister Gold Medal**, University Grants Commission of Bangladesh 2018
- **Khan Bahadur Ahsanullah Gold Medal**, AUST 2018
- **Dean's List of Honor**, AUST 2018
- **Government Scholarship**, Dhaka Board 2008, 2011, 2013

Publications [\[Google Scholar\]](#)

(* denotes equal contribution)

Under Review

1. G. M. Shahariar* and Tonmoy Talukdar*. “**Bangla Key2Text: Text Generation from Keywords in Bengali.**” In *The 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, 2023.
2. Arman Sakif Chowdhury*, G. M. Shahariar*, Ahammed Tarik Aziz, Syed Mohibul Alam, Md. Azad Sheikh and Tanveer Ahmed Belal. “**Tackling Fake News in Bengali: Unraveling the Impact of Summarization vs. Augmentation on Pre-trained Language Models.**” *Multimedia Tools and Applications*, 2023.

Published

1. G. M. Shahariar, Tahmid Hasan, Anindya Iqbal and Gias Uddin. “**Contrastive Learning for API Aspect Analysis.**” To appear in 38th *IEEE/ACM International Conference on Automated Software Engineering (ASE)*, 2023.

2. **G. M. Shahariar***, Tonmoy Talukdar*, Rafin Alam Khan Sotez and Md. Tanvir Rouf Shawon. “**Rank Your Summaries: Enhancing Bengali Text Summarization via Ranking-based Approach.**” To appear in *2nd International Conference on Big Data, IoT and Machine Learning (BIM)*, 2023.
3. **G. M. Shahariar**, Md Tanvir Rouf Shawon, Anik Hassan Nibir, Md Zabeed Miandad, and Nibir Chandra Mandal. “**Automatic back transliteration of Romanized Bengali (Banglish) to Bengali.**” *Iran Journal of Computer Science* 6, no. 1 (2023): 69-80.
4. Md Tanvir Rouf Shawon*, **G. M. Shahariar***, Faisal Muhammad Shah, Mohammad Shafiul Alam, and Md Shahriar Mahbub. “**Bengali Fake Review Detection using Semi supervised Generative Adversarial Networks.**” To appear in *5th International Conference on Natural Language Processing (ICNLP)*, 2023.
5. Tanveer Ahmed Belal, **G. M. Shahariar**, and Md Hasanul Kabir. “**Interpretable Multi Labeled Bengali Toxic Comments Classification using Deep Learning.**” In *2023 International Conference on Electrical, Computer and Communication Engineering (ECCE)*, pp. 1-6. IEEE, 2023.
6. **G. M. Shahariar**, Swapnil Biswas, Faiza Omar, Faisal Muhammad Shah, and Samiha Binte Hassan. “**Spam Review Detection using Deep Learning.**” In *2019 IEEE 10th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON)*, pp. 0027-0033. IEEE, 2019.

Teaching Experience

Ahsanullah University of Science and Technology (AUST) Senior Lecturer Department of Computer Science and Engineering <i>Courses: Data Structures, Soft Computing, Elementary Structured Programming</i>	Dhaka, Bangladesh October 2021 - Present
Ahsanullah University of Science and Technology (AUST) Lecturer Department of Computer Science and Engineering <i>Courses: Algorithms, Elementary Structured Programming, Distributed Database Systems</i>	Dhaka, Bangladesh July 2019 - October 2021
Ahsanullah University of Science and Technology (AUST) Part Time faculty Department of Computer Science and Engineering <i>Courses: Algorithms, Data Structures, Digital Image Processing</i>	Dhaka, Bangladesh January 2019 - June 2019

Skills

Languages: Python, C, C++, Java
Database: MySQL, Oracle
Deep Learning Tools: Keras, Tensorflow, PyTorch, scikit-learn
Version Control System: Git
Others: PL/SQL, LaTeX

Industrial Experience

Enosis Solutions
Software Engineer

Gulshan, Dhaka
October 2018 - December 2018

iQ3Connect

Web-Based VR/AR Training and Collaboration

Competitive Programming

Problem Solving

2015 - 2020

- Codeforces (*Handle: [zexon](#)*) [Maximum ratings: 1715]
- Codechef (*Handle: [zexon](#)*) [Maximum ratings: 1847]
- HackerRank (*Handle: [zexon](#)*) [Maximum ratings: 1842]
- UVA Online Judge (*Handle: [Shibli007](#)*) [Problems solved: 418]
- Virtual Judge (*Handle: [Artem_](#)*) [Problems solved: 215]
- LightOJ (*Handle: [sshibli745](#)*) [Problems solved: 104]

Programming Contests

2015-2018

- ACM ICPC Dhaka Regional 2016 (*Team: [AUST_angurFolTok](#)*) [Place: 30th]
- ACM ICPC Dhaka Regional 2017 (*Team: [AUST_angurFolTok](#)*) [Place: 37th]
- SUB IUPC 2017 (*Team: [AUST_angurFolTok](#)*) [Place: 23rd]
- BUET CSE DAY IUPC 2016 (*Team: [AUST_angurFolTok](#)*) [Place: 36th]
- AB Bank IUT 8th ICT Fest 2016 (*Team: [AUST_angurFolTok](#)*) [Place: 37th]
- Intra AUST Programming Contest 2016 (*Team: [dhoa_TulsiPata](#)*) [Place: 1st]

Professional Services

President

February 2022 - Present

AUST Programming and Informatics Club
Ahsanullah University of Science and Technology (AUST)

Programming Contest Coordinator, Trainer and Coach

January 2019 - August 2022

Department of Computer Science and Engineering
Ahsanullah University of Science and Technology (AUST)

Problem Setter & judge

January 2019 - August 2022

- CodeWare Intra AUST Programming Contest Spring 2018 & 2019
- Intra Aust Programming Contest Fall 2018 & Spring 2020
- AUST Game of Codes Fall 2019

Member

2020

IT Support Sub-committee

23rd International Conference on Computer and Information Technology (ICCIT 2020)