Syed Tangim Pasha

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EDUCATION

Daffodil International University   Dhaka, Bangladesh
B.Sc. in Computer Science and Engineering (CSE); ***CGPA: 3.91/4.00***   *Jan 2017 – Dec 2020*
Thesis: *Bangla Poem Classification Using Machine Learning and Deep Learning Approaches*

WORK EXPERIENCE

Daffodil International University   Dhaka, Bangladesh
Lecturer, Department of Computing and Information System (CIS)   *Jan 2022 – Present*

RESEARCH EXPERIENCE

Center for Computational and Data Sciences (CCDS.AI) Lab, IUB   Dhaka, Bangladesh
Research Assistant (RA)   *February 2023 – Present*
- Worked on funded projects based on Machine Learning and Deep Learning research.

EMPATHY Lab, IUB   Dhaka, Bangladesh
Research Assistant (RA)   *March 2023 – Present*
- Worked on Human Stress disorder and other Health Informatics research.

RESEARCH PUBLICATIONS

1. **Syed Tangim Pasha**, Ashraful Islam, Eshtiak Ahmed, Mohammed Masudur Rahman, Md. Ferdouse Ahmed Foysal, Md. Zahangir Alam, "Genre Classification of Bangla Poem Using Machine Learning and Deep Learning Techniques", IEEE World AI IoT Congress 2023 **(IEEE AIIoT 2023)**. [**Acceptance Rate: 39%**]

2. Md. Ferdouse Ahmed Foysal, **Syed Tangim Pasha**, Sheikh Abujar, Syed Akhter Hossain, "Bengali News Classification Using Long Short Term Memory", 2nd International Conference on Emerging Technologies in Data Mining and Information Security **(IEMIS-2020)**. [DOI: 10.1007/978-981-33-4367-2_32]

PROJECTS

Bangla Poem Dataset | *Mendeley Data*
- We have collected 2207 poems with 11 different categories of the poem and these poems are belongs to 41 different writers' writings. We have collected different categories of poems from the website of banglarkobita. After collecting poems, we preprocessed our dataset and made our dataset for our research on Bangla poem classification.

Online Voting System With Linked list Data Structure | *GitHub*
- In this project I mainly focused on how data privacy is needed for the online voting system. I was using a linked list data structure in the software to track every user vote and I did this for the society why we should know about any software before using it.

SKILLS

Programming: C, C++, Python, Java, MySQL
ML Library: scikit-learn, Tensorflow, Keras, Numpy, Pandas, Matplotlib, Seaborn
Miscellaneous: Git, Google Colab, Zotero, Overleaf, LaTeX

Awards & Achievements

University SGPA Scholarship of Daffodil International University, (DIU), Dhaka, Bangladesh

I got this SGPA scholarship for the 10th time with different amounts of waiver in semester tuition fees.

DIU Teaching Apprentice Fellowship (TAF) 2022 Training and Workshop

I was selected as a Teaching Apprentice Fellow (TAF) from both the Computer Science and Engineering (CSE) and the Software Engineering (SWE) departments. It was a 4-day long workshop where I participated in different workshop programs based on Teaching.

DIU Teacher's Training Program of "Make My Teaching Visible"

Organized by: TAZKERA AND GOLAM MUSTAFA CENTER FOR TEACHING AND LEARNING

Other Professional Services

Daffodil International University   Dhaka, Bangladesh

Exam Committee Member, Faculty of Science and Information Technology (FSIT)   *Jan 2023 – Present*

Daffodil International University   Dhaka, Bangladesh

Thesis/Project Committee Member, Department of Computing and Information System (CIS)   *Jan 2023 – Present*