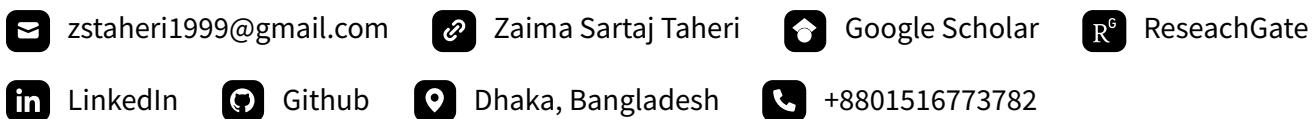


ZAIMA SARTAJ TAHERI



RESEARCH INTERESTS

Natural Language Processing, Bangla Language Processing, Computer Vision, Deep Learning, Machine Learning

EDUCATION

2018 – 2023 Chittagong, Bangladesh	B.Sc. Engg. in Computer Science and Engineering, <i>Chittagong University of Engineering & Technology</i> ↗ CGPA: 3.83 with Honors out of 4 Rank: 6th/126 Award: Deans Award Thesis: <i>BEmoFusionNet: A Deep Learning Approach for Multimodal Emotion Classification in Bangla Social Media Posts</i>
2015 – 2017 Dhaka, Bangladesh	Higher Secondary Certificate, <i>Rajuk Uttara Model College</i> GPA: 5.00/5.00 Award: Talentpool Scholarship
2013 – 2015 Dhaka, Bangladesh	Secondary School Certificate, <i>Viqarunnisa Noon School & College</i> GPA: 5.00/5.00

WORK EXPERIENCE

07/2024 – present Dhaka, Bangladesh	Lecturer(CSE), <i>University of Asia Pacific</i> ↗ <ul style="list-style-type: none">Courses: ML, Numerical Methods, Competitive Programming, Database Systems, Microprocessors and MicrocontrollersCourse file management under OBE and conduct CQI activities.Student counselling.
01/2024 – 07/2024 Dhaka, Bangladesh	Lecturer(CSE), <i>Northern University Bangladesh</i> <ul style="list-style-type: none">Courses: Software Engineering, Microprocessor & Assembly Language.Performed invigilation duties, mentored students and supported departmental coordination tasks.
10/2022 – 11/2022 Dhaka, Bangladesh	Industrial Attachment Trainee, <i>Robi Axiata Limited Red Dot Digital</i> I gained knowledge of the creation and operation of various applications and systems, including My Robi App, Binge, Robi Shop, Robi Career, CRM, and HRMS, as well as the SIM registration process. Additionally, I learned about mobile financial services such as Tap (Trust Axiata Pay) and Fastcash (FSIBL)

PUBLICATIONS

2023

BEMoFusionNet: A Deep Learning Approach For Multimodal Emotion Classification in Bangla Social Media Posts, *2023 26th International Conference on Computer and Information Technology (ICCIT)* [\[link\]](#)
Zaima Sartaj Taheri, Animesh Chandra Roy, Ahsan Kabir

2023

Detecting Signs of Depression from Social Media Texts using Generalized Autoregressive Pretraining Transformer Model,
26th International Conference on Computer and Information Technology (ICCIT) [\[link\]](#)
Fahim Shakil Tamim, **Zaima Sartaj Taheri**, Mohammed Moshiul Hoque

2023

BEMoLexBERT: A Hybrid Model for Multilabel Textual Emotion Classification in Bangla by Combining Transformers with Lexicon Features, *First Workshop on Bangla Language Processing at EMNLP 2023 (EMNLP 2023 Workshop BLP)* [\[link\]](#)
Ahsan Kabir, Animesh Roy, **Zaima Sartaj Taheri**

2023

Multi-label Sentiment Analysis of Product Reviews of Online Shop,
2nd International Conference on Big Data, IoT and Machine Learning (BIM 2023) [\[link\]](#)
Animesh Chandra Roy, Ahsan Kabir, **Zaima Sartaj Taheri**, Md Jahedul Alam Rifat

2024

An Ensemble Approach of Transfer Learning and Vision Transformer to Identify COVID-19 from Chest X-rays, *3rd International Conference on Advancement in Electrical and Electronic Engineering* [\[link\]](#)
Fahim Shakil Tamim, **Zaima Sartaj Taheri**, Sudipta Saha Niloy, Ashim Dey, Annesha Das

2024

Sentiment Classification of Multi-modal Memes Using Deep Learning and Transformer Techniques,
IEEE Conference on Computing Applications and Systems (COMPAS 2024) [\[link\]](#)
Tanzin Ahammad, **Zaima Sartaj Taheri**, Fahim Shakil Tamim

2025

Enhanced Semantic Relatedness Prediction using XLM-RoBERTa and CNNs with K-Fold Cross-Validation, *The Journal of Engineering* [\[link\]](#)
Md Ayon Mia, Fahim Shakil Tamim, **Zaima Sartaj Taheri**, Md Alamin Talukder

SKILLS

Programming Language

HTML5, CSS3, Bootstrap4, JavaScript, React, jQuery, NodeJS, PHP, MySQL, MongoDB, MaterialUI, C, C++, Python (TensorFlow, Keras, Numpy, SciPy, Pandas, ScikitLearn, Matplotlib)

Tools & Environments

Visual Studio, Cypress, Postman, Sublime Text, GitHub, Heroku, Netlify, Firebase, Google Colab, Anaconda, Overleaf (Latex)

EXTRACURRICULAR ACTIVITIES

2024 – Present
UAP, Dhaka, Bangladesh

Co-coordinator, UAP(University of Asia Pacific) Programming Contest Club

2022 – 2023
CUET, Chittagong

CUET Computer Club
Vice President (Organizing)

2022 – 2023 CUET, Chittagong	Greater Comilla Students Forum, CUET IT Secretary
2015 Japan	23rd World Scout Jamboree Team Lead

ACHIEVEMENTS

2nd Runner Up in Multimodal Sentiment Analysis, CLBLP2023 [↗](#)

Team Name: BLP Navigator

2nd Runner Up in Sentiment Analysis of Code-Mixed Text, CLBLP2023 [↗](#)

Team Name: BLP Navigator

14th on Detecting Signs of Depression from Social Media Text, LT-EDI@RANLP 2023

Shared task on Detecting Signs of Depression from Social Media Text at *THIRD WORKSHOP ON LANGUAGE TECHNOLOGY FOR EQUALITY, DIVERSITY, INCLUSION (LT-EDI-2023)@RANLP 2023*

CERTIFICATES

Complete Web Development Course ↗ Programming Hero	Deep Learning Specialization ↗ Coursera	Image Processing with Keras in Python ↗ DataCamp
Natural Language Processing Specialization ↗ Coursera	Image Processing in Python ↗ DataCamp	Biomedical Image Analysis in Python ↗ DataCamp
Introduction to Deep Learning in Python ↗ DataCamp	Advanced Deep Learning with Keras ↗ DataCamp	

LANGUAGES

English

IELTS 7.5(R:8.5, L:8.5, S:7, W:6.5)

Bangla

REFERENCES

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