

Md. Shihab Shahriar

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👤 Profile

I am an aspiring researcher with a passion for advancing the field of machine learning and natural language processing. Driven by Nelson Mandela's words, "A winner is a dreamer who never gives up," I approach life's challenges with an adaptable spirit and determination to keep going. There are always new skills to build, innovations to uncover, and boundaries to push.

📁 Professional Experience

Islamic University of Technology <i>Lecturer</i>	Aug 2022 - present Gazipur, Bangladesh
Enosis Solutions <i>Software Engineer</i>	Jun 2022 - Aug 2022 Dhaka, Bangladesh
Pioneer Alpha <i>Machine Learning Engineer Intern</i>	Apr 2021 - Oct 2021 Dhaka, Bangladesh

🎓 Education

B.Sc. (Eng.) in CSE <i>Islamic University of Technology</i> Result: CGPA 3.96/4.00 (2nd in Class of 69)	2018 - 2022 Gazipur, Bangladesh
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✍ Test Scores

GRE General Test Quantitative: 166, Verbal: 159, Analytical Writing: 4.0 (325 out of 340)	Jun 2023
TOEFL iBT Test Reading: 29, Listening: 29, Speaking: 27, Writing: 25 (110 out of 120)	Aug 2023

🧠 Skills


Machine Learning, Deep Learning (Natural Language Processing) | **Web Development** (HTML, CSS, JS)
Python, Java, C++ (Programming Language) | **MySQL, MongoDB** (Database Management)
Competitive Programming (Codeforces, LeetCode)

Publications

Question Answer Generation in Bengali: Mitigating the scarcity of QA datasets in a low-resource language  2023

AACL-IJCNLP 2023

Md Shihab Shahriar, Ahmad Al Fayad Chowdhury, Md. Amimul Ehsan and Abu Raihan Kamal

HateXplain2.0: An Explainable Hate Speech Detection Framework Utilizing Subjective Projection from Contextual Knowledge Space to Disjoint Concept Space  2023

ICML 2023 Workshop AI&HCI

Md Fahim, Md Shihab Shahriar, Mohammad Sabik Irbaz, Syed Ishtiaque Ahmed, Mohammad Ruhul Amin

Unveiling the Essence of Poetry: Introducing a Comprehensive Dataset and Benchmark for Poem Summarization 2023

EMNLP 2023

Ridwan Mahbub, Ifrad Towhid Khan, Samiha Shafiq Anuva, Md Shihab Shahriar, Md Tahmid Rahman Laskar, Sabbir Ahmed

Projects

Hierarchical Conditional VAE for Question Answer Generation Jan 2021 – Mar 2022

Based on the paper "Generating Diverse and Consistent QA pairs from Contexts with HCVAE". The code has been modified to allow the model to run on any language, including Bangla. **(Python, Pytorch)**

EfficientDet Model for Dhaka AI Challenge 2020 Sep 2020 – Dec 2020

Dataset preprocessing of the Dhaka AI 2020 challenge and Training different EfficientDet models using the dataset. **(Python)**

Coursebee An Online Education Platform Dec 2019 – Jun 2020

This is an online education platform where I contributed. Made for 'Kernel Technologies'. The website is hosted at <https://coursebee.vercel.app> **(HTML, CSS, Js, ReactJs, NodeJs, MongoDB)**

Awards

Datathon 2.0 Jun 2022

Robi

Finalist (Top 21)

CSE Festival Week IT OLYMPIAD (ICT Quiz Contest) Mar 2021

City University

1st Prize

Ennovators 3.0 Sep 2019

Banglalink

Top 40

Courses

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Apr 2022

Coursera

Neural Networks and Deep Learning

May 2021

Coursera

Structuring Machine Learning Projects

Jun 2022

Coursera

Interests

Football | Table Tennis | Tennis | Swimming

References

Dr. Abu Raihan Mostofa Kamal

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Dr. Md. Azam Hossain

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