Md. Shihab Shahriar

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 https://shihabshahriar16.github.io   in https://www.linkedin.com/in/md-shihab-shahriar

 https://github.com/shihabshahriar16

🪪 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	Aug 2022 – present
Lecturer	Gazipur, Bangladesh
Enosis Solutions	Jun 2022 – Aug 2022
Software Engineer	Dhaka, Bangladesh
Pioneer Alpha	Apr 2021 – Oct 2021
Machine Learning Engineer Intern	Dhaka, Bangladesh

🎓 Education

B.Sc. (Eng.) in CSE	2018 – 2022
Islamic University of Technology	Gazipur, Bangladesh

Result: CGPA 3.96/4.00 (2nd in Class of 69)

✏️ Test Scores

GRE General Test	Jun 2023

Quantitative: 166, Verbal: 159, Analytical Writing: 4.0 (325 out of 340)

TOEFL iBT Test	Aug 2023

Reading: 29, Listening: 29, Speaking: 27, Writing: 25 (110 out of 120)

🧠 Skills

Machine Learning, Deep Learning (Natural Language Processing) | **Web Development** (HTML, CSS, JS)

Python, Java, C++ (Programming Language) | **MySQL, MongoDB** (Database Management)

📰 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
Coursera

Apr 2022

Neural Networks and Deep Learning
Coursera

May 2021

Structuring Machine Learning Projects
Coursera

Jun 2022

🎸 Interests

Football | Table Tennis | Tennis | Swimming