



SAIMA JAHAN SULTANA

Contact: (+880)-1871938586

Email: saima.cse17@gmail.com

Linkedin: [linkedin.com/in/SaimaTuhin](https://www.linkedin.com/in/SaimaTuhin)

Portfolio: github.io/Portfolio

Address: Chattogram, Bangladesh

CAREER OBJECTIVE

Highly motivated and detail-oriented Computer Science and Engineering (CSE) with a proficiency in programming languages and a passion for problem-solving. A machine learning enthusiast with a keen interest in developing intelligent solutions to complex challenges. Seeking a challenging role in where I can leverage my technical expertise, problem-solving abilities, practical experience, and innovative mindset to contribute towards the development and implementation of effective solutions. I am committed to continuously learning and growing while collaborating in a dynamic team environment. I strive to contribute to projects that create a positive and lasting impact.

EDUCATION

Bachelor of Science <i>Computer Science & Enginnering</i> CGPA: 3.67 (out of 4.00)	2018 – 2023 University of Chittagong, Chattogram
Higher Secondary Certificate <i>Group: Science</i> GPA: 4.83 (out of 5.00)	2015 – 2017 Govt. Women College, Chattogram
Secondary School Certificate <i>Group: Science</i> CGPA: 5.00 (out of 5.00)	2013 – 2015 Jhe. Ba. She. High School, Chattogram

SKILLS

Programming: C/C++, Python, Java
Frontend Development: HTML, CSS, Bootstrap, JavaScript, React, WordPress
Backend Development: Spring Boot, PHP
Databases: MySQL, MongoDB
DevOps/ Business Intelligence Tools: Git, Microsoft Power BI, Tableau
Artificial Intelligence: GEN AI, LLM, Responsible AI, Prompt Design
Document Creation: Microsoft Office, LaTeX
IDE: Visual Studio Code, PyCharm, Eclipse, Code::Blocks
Languages: Bengali (Native), English

COMPETITIVE PROGRAMMING EXPERIENCE

National Collegiate Programming Contest (NCPC) Team: CU_Incognito	2020
Inter-University Programming Contest Team: CU_Incognito, Rank- 12	2020
Inter-University Girls' Programming Contest (IUGPC) Team: CU_Incognito, Rank- 10	2019
National Girls' Programming Contest (NGPC) Team: CU_Incognito, Rank- 6	2018

CERTIFICATIONS

Information Technology Engineers Examination (ITEE) Level-2: FE Exam Jointly issued by ICT Division and Bangladesh Computer Council (BCC)	2022
Share Data Through the Art of Visualization Issued by Google through Coursera	2024
Client Needs and Software Requirements Issued by University of Alberta through Coursera	2020
Mindshift: Break Through Obstacles to Learning and Discover Your Hidden Potential Issued by McMaster University through Coursera	2020

PROJECTS

MyHospital Frontend

This project aims to administrate all the complicated tasks and handle all information of a hospital securely and smoothly. Patients will find it easier to obtain their health care, and it will make the doctors' job hassle-free by managing their schedules and information in a better way.

Github Link: [Show Project](#)

Baymax

A doctor appointment system where patients can take appointments online and doctors can manage their appointments easily. It also comes with various features like patient records where the prescriptions and previous diagnosis can be stored.

Github Link: [Show Project](#)

UNDERGRADUATE THESIS

Thesis Title: Enhanced Hate Speech Detection through Mean-Pooling in Embedding Fusion

Short Description: In this thesis, we proposed a fusion-based deep learning model, employing a fusion of BERT and fastText embeddings by using mean pooling strategy, tailored for hate speech classification along with the intended target and aggressive behavior. By employing the power of Multi-Layer Perceptron(MLP) with our task specific extensive parameter tuning, we process the fusion of mean-pooled BERT and fastText embeddings for approximating complex functions, learning intricate patterns in data, and finally predicting the labels of unseen data.

N.B.: Paper accepted in 2024 27th International Conference on Computer and Information Technology (ICIT)

EXTRACURRICULAR ACTIVITIES

Problem Setter at Intra University Programming Contest

University of Chittagong

Volunteer at Intra University Programming Contest

University of Chittagong

Intra School Debate Competition (Best Speaker)

Jhe. Ba. She. High School

REFERENCES

- Available on demand