

Bahauddin Sakib

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GitHub: <https://github.com/BahauddinSakib>

LeetCode: <https://leetcode.com/u/BahauddinSakib/>

Brief Info: Final-semester Computer Science and Engineering student at AIUB with a strong passion for programming, machine learning, and data-driven solutions. Proficient in multiple programming languages, frameworks, and analytical tools. Experienced in developing machine learning models, data processing and working with databases. A highly motivated problem-solver who thrives in collaborative environments and continuously seeks opportunities to grow and contribute to impactful projects.

Education:

BSc in Computer Science and Engineering

American International University Bangladesh

Major: Information System

CGPA: 3.77 | **Expected Graduation:** June 2025

Relevant Courses: Data Structure, Algorithm,

Computer Networks, Machine Learning, Data

Mining, HCI, Web Tech, Data Science etc.

Higher School Certificate | 2018-2020

Dhaka Imperial College

Subject: Science

GPA: 5.00 out of 5.00

Projects:

Ai Doctor:

- AI Doctor application provides a user-friendly interface for predicting diseases based on symptoms. It leverages a Support Vector Classifier (SVC) model, trained on a dataset of symptoms and corresponding diseases, to make predictions.
 - **Tools:** Python, Html, CSS, Bootstrap, JavaScript, Flask
 - **Git-Repo:** https://github.com/BahauddinSakib/Ai_Doctor

Movie Recommendation System:

- Movie Buzz is a movie recommendation system using machine learning. It offers dynamic search suggestions, top-rated movies, and personalized recommendations. Users can explore 9,000+ films, view posters and ratings, and get seamless recommendations with Flask and TMDB API integration.
 - **Tools:** Python, Html, CSS, Bootstrap, JavaScript, Flask
 - **Git-Repo:** https://github.com/BahauddinSakib/Movie_Recommendation_Site

E-mail Spam Detection:

- This research explores spam email detection using SVM, Decision Tree, and Naïve Bayes, with SVM achieving the highest accuracy (98%). The study demonstrates a comprehensive data preparation process using BOW and TF-IDF for feature extraction.
- **Models:** SVM, Naïve Bayes, Decision Tree, Hyper Parameter Decision Tree
- **Git-Repo:** https://github.com/BahauddinSakib/Email_Spam_Detection

Expertise:

Programming: C++, C#, ASP.NET, Python, R, Php, Java

Framework: Bootstrap, MVC, Flask

Database: MySQL, MSSQL, Oracle

Library: NumPy, Pandas, Scikit-learn, Matplotlib

Tools: GitHub, Postman, Power Bi

Volunteering:

- **Organizer Tale of the Dark Room3** **January 2024**
- Worked as an organizer in Office of Student Affairs, AIUB Presents Tale of The Darkroom3
- Worked together with the team members, maintain huge crowd to ensure the smooth execution of the event.
- **General Member, AIUB Photography Club.** **August 2022-Present**
- Organizing Club recruitment booth, Orientation Program and increasing public speaking efficiency.

Certificates:

- Python Machine Learning: From Beginner to Pro | [Link](#)
- The Full Stack Web Development Bootcamp (Frontend and Backend) | [Link](#)
- Machine Learning with Python | [Link](#)

Achievements:

- Got “100 percent attendance award” from Dhaka Imperial College (2019).

Additional Information:

- **IT Skills:** Microsoft Word, Excel and PowerPoint, Code Blocks, Visual Studio, Visual Studio Code, PyCharm, Google Colab, Sublime Text.
- **Languages:** Bangla - Native
English - Fluent
Hindi- Intermediate

Interests:

- Photography, Travelling and Exploring new things.