Name: Asiful Haque

Contact: 01903751832

Email: haqueasiful999@gmail.com

LinkedIn: https://www.linkedin.com/in/asiful-haque-sourav/

I am a highly enthusiastic professional with a deep passion for problem solving, software development and competitive programming. I bring to the table a wealth of experience, having served as a Vice-President and Programming trainer at the ACM wing, Software Engineering Club at DIU. My innate ability to swiftly grasp new concepts and technologies, coupled with an exceptional capacity to retain knowledge, makes me an asset in any technical endeavor. I thrive on embracing new challenges and continuously expanding my skill set.

Online Judge Solve:

UVA : https://uhunt.onlinejudge.org/id/1204562 (50 Solved)

Codeforces : https://codeforces.com/profile/__asiful_sourav__ (310 Solved)

Beecrowd : https://www.beecrowd.com.br/judge/en/profile/407767 (200 Solved)

Hacker Rank : https://www.hackerrank.com/haqueasiful999?hr_r=1 (62 Solved)

LightOJ : https://lightoj.com/user/user-y56m9dl (45 Solved)

AtCoder : https://atcoder.jp/users/Asiful_Haque_ (21 Solved)

Timus : https://acm.timus.ru/author.aspx?id=312674 (19 Solved)

Leet code : https://leetcode.com/haqueasiful999/ (8 Solved)

GitHub: https://github.com/Asiful-Haque

Kaggle: https://www.kaggle.com/asifulhaque201352961

Skills:

Programming	Web Development	OOP, Data Structure and Algorithm, MySql
➤ C++, Python, JAVA	➤ HTML, CSS, JavaScript, Nodejs, Express	
Machine Learning	Deep Learning	Idea Innovation
	➤ CNN, Yollov8, VGG 16,19, Object detection	

Projects:

KITI	A backend project that handles the connection between client and server that works for a robot. The robot is used for basically food delivery.Github
Exam Processing System	A project using basic C programming about the management of an exam. It helps users to maintain exam records and information through a system. Various tasks have been implemented in this project as a practice of C programming.Github
MediAid	Medicine donating and receiving app. Users can donate medicine and those who need medicine can apply through this app.Github
Halkhata	An interactive app for shop owners using GUI and JAVA. It is just for the help of keeping track of daily life financial activities.Github
Image Classification	Various projects are done by using CNN, VGG16, VGG19 to classify given images by training the model. Such as: venomous snake detection, pineapple (Fresh or Bad) classification, various flowers classification.
Face Recognition	A project using deep learning and a real-life dataset of mine. It allows users to give images or videos and detect faces that are pre-trained. This can be used successfully in attendance systems as well.Github
Car and Number plate Detection	From real-life images, this system can detect the car and their number plates. It can be implemented in traffic systems. Link: Github
Exam fraud detection	A project using deep learning and real time images collected from CCTV camera. Project is ongoing. After taking pictures from CCTV camera and annotation they are trained using yollov8 model and prediction of gesture and posture of students.
Research paper	"Product Relevancy based marking using machine learning" titled research paper is on the way to publication. It allows us to analyze the outfits of customers and suggest outfits from the prediction of that.
Thesis	Rooftop detection, Size estimation and eco-friendly infrastructure planning using deep learning and real time drone-based dataset.

Experience:

Programming Trainer

Responsible for teaching students basic programming, logic development and problem-solving within the ACM wing of the Department of Software Engineering at Daffodil International University.

Participating Contests

Participated in various contests like NASA Space apps challenge 2022 and 2023, Data Science summit, SUST SWE Techno vent, DUET Techfest and National cybersecurity hackathon.

Organizing Contests

Contributed in setting problems and managed the participation of students from university in 5th DIU Intra Department Programming Contest and Code trap escape room Programming Contest.

Achievements:

World Finalist & Local Champion – NASA Space Apps Challenge 2023, Barisal Zone

Champion – NASA Space Apps Challenge 2022, Khulna Zone

Champion – 3rd Data Science Summit Idea Contest

Led a team in Project named EduBangla, MediAid and Track the BUS

Educational Background:

- BSc in Software Engineering
  Daffodil International University.

- HSC in Science
  Dr.Mahbubur Rahman Mollah College.

- SSC in Science
  Comilla Modern High School

Languages:

1. Bangla   2. English