SAFWAN IBNE MASUK

📍 8/1 Gobinda Das Lane, Armanitola, Dhaka, Bnagladesh   @ safwanmasuk4@gmail.com
📞 +8801625154677   in Safwan-ibne-Masuk   � Safwan-00   🐦 SafwanMasuk

SKILLS

Python · HTML · CSS · Bootstrap · JavaScript · C/C++ · Java · Swing · PHP · WebGL · PyTorch · Tensorflow · PL/SQL · MySQL · Firebase · Git · Microsoft SQL Server · ASP.NET MVC · Arduino · Packet tracer · Proteus · MATLAB · Keras · scikit-learn · Latex · Colab

INTERESTS

Image Processing · Vision · Natural Language Processing · Deep Learning · Machine Learning · Artificial Intelligence · Automation · Web Development

ACTIVITIES

- Participated in Software Exhibition of AUST CSE Carnival 1.0
- Participated in CEFALO Codefiesta 2022
- Participated in ITEE Training Program (March-April) 2023

RESEARCH INTERESTS

- Computer Vision
- Natural Language Processing

EDUCATION

B.Sc in CSE | Ahsanullah University of Science & Technology

📅 July 2019 – November 2023 (Anticipated)

- CGPA: 3.754 [out of 4.00] (up to second last semester)

Higher Secondary School Certificate | Milestone College

📅 2018

- GPA: 5.00 [out of 5.00]

Secondary School Certificate | Milestone School

📅 2016

- GPA: 5.00 [out of 5.00]

PROJECTS

Life Saver | � Android Studio & Firebase

- Life Saver, an essential Android app focused on Blood Donation, is a must-have for anyone looking to be prepared. With Life Saver, you can not only find blood donors in your area, but also access valuable information on nearby hospitals, ambulance services, and emergency helplines.

ExcursionNest | � HTML, CSS, Bootstrap, PHP

- This website could provide information related to local or international tourist destinations. When someone is planning trips to where they are not familiar with, they may need to look into them. This website could be a platform to displace destination management companies that provide local travel services. User will be able to reserve transportation, day tour services, hotels, etc. through this website.

Gym Management System | � Java Swing & MsSQL

- The gym management system could be beneficial software for maintaining a gym properly. Here, the owner not only can easily get the track record of the monthly income and expense but also get track of both existing and new member and trainer information. Here, the Trainer and Member can also track their own workout routine and monthly progress.

LANGUAGES

Bengali: Native

English: Fluent

REFERENCES

Nazmus Sakib
Assistant Professor,
Department of Computer
Science & Engineering,
Ahsanullah University of
Science & Technology, Dhaka,
Bangladesh

✉ sakib.cse@aust.edu
📞 +8801939900271

Colonel Md Arefin Talukder
✉ arefin140@yahoo.com
📞 +8801769111104

Portfolio Website | ⭕ HTML,CSS,Javascript

- This website provides a platform to showcase one's portfolio. It consists of five distinct segments, namely: homepage, about, interests, portfolio and contact. The "about" section comprises of three sub-sections, namely: education, skills and research works. Additionally, the contact form collects and saves the credentials of individuals who wish to reach out via the website, on a Google Spreadsheet.

Path to Jannah | ⭕ MVC5

- Path to Jannah is a comprehensive Islamic website that offers a wealth of resources for viewers. Users can explore Surahs, Duas, and Hadiths, as well as learn about the 99 names of Allah. Additionally, they can peruse blogs written by fellow users and contribute to the community by making verified donations, all under the watchful eye of our dedicated admin team.

Surprise Pop | ⭕ C/C++ & iGraphics

- Surprise-Pop is a thrilling shooting game with two levels of difficulty. Your score will increase as you successfully shoot objects, but be careful not to collide with them, as this will decrease your life.

BumbleBee | ⭕ Hardware Project

- BumbleBee is a versatile device designed to tackle multiple tasks with ease. Its primary function is to effectively clean dust, and it also has the ability to detect obstacles in its surroundings. Furthermore, it can be utilized as a Bluetooth speaker by anyone. The device comes with a garbage separator, allowing for efficient separation of different types of waste. BumbleBee can be effortlessly controlled via Bluetooth, making it a truly user-friendly tool.

RESEARCH WORKS

1. **Thesis:** An Approach to Detect Cardiomegaly, COVID-19, Pneumonia, Pneumothorax and Tuberculosis from CXR Images Using Ensembles of Deep Learning
2. Generating Realistic X-ray Images Using GANs
3. Bengali Cyberbullying Text Detection: A Comprehensive Study
4. A Multimodal Approach for Detecting Offensive Bengali Memes

***The first three works mentioned above have been submitted to conferences and waiting for further results.**

ADDITIONAL INFORMATION

- Blood Group: A+
- Date of birth: 19th July, 2000
- NID: 5560374026
- Driving Licence: DK1158229CL0008