

MD. IMAMUL MURSALIN SUJOY

 imamulmursalinsujoy@gmail.com
 www.linkedin.com/in/imamulmursalinsujoy
 github.com/immusu
 +8801858999307

Experience

Student tutor/Teaching assistant at BRAC University, Dhaka

February, 2023 - April, 2024

- Assigned in Programming Language I, Data Structures, Algorithms courses.

Projects

Fire Detection System

- A hardware prototype using fire sensor, MQ-02 used for fire detection and HC-05 bluetooth module was used to send hazard notifications to smartphone.

Space Survival Game

- An arcade game where player can play easily and the game gets harder by the time goes. Here, the system is built using OpenGL and related libraries.

Heart disease Prediction project

- A prototype system using machine learning to predict heart disease. Here, based on a previous dataset of heart disease, the system can predict.

Donation management system

- A platform which can manage donation. Organizations can be listed for asking donations and donors can donate money. Here, it has an admin panel and donor panel. PHP, CSS, Bootstrap were used to build the system.

Digital Clock System

- A 24 hour clock which uses various ICs like 555 timer IC, 7493 IC and seven segment display, works like a stopwatch and it can be synchronized with any clock frequencies.

Thesis

Monocular Camera Fusion for Enhanced Depth Sensing & Object Detection

Supervisor: Dr. Md. Khalilur Rhaman

- In this thesis, the motive was to detect objects and depth estimation using cameras instead of LiDAR on the geography of Bangladesh. The thesis contributed to BRAC University's autonomous vehicle project as well as other projects.

Education

Bachelor of Science (B.Sc) in Computer Science and Engineering (CSE) - 2024

BRAC University, Dhaka

CGPA 3.85 on the scale of 4.00

Higher Secondary School Certificate (HSC) - 2019

Notre Dame College, Dhaka

GPA 5.00 on the scale of 5.00

Secondary School Certificate (SSC) - 2017

Mitali Bidyapith High School, Dhaka

GPA 5.00 on the scale of 5.00

Skills

- Programming Languages : Python, Java, HTML, CSS, MySQL
- Office softwares : Microsoft Office, Google apps (docs, sheets, slides etc.)
- Other softwares : LaTeX, Wolfram Mathematica
- Intermediate in adobe illustrator, photoshop, lightroom
- Basics in Blender, AutoCAD, Fusion 360

Extra Curricular

- Joined as a volunteer for the 15th Convocation 2023 of BRAC University
- Member at Brac University Robotics Club
- Completed 'Inovation@work' workshop of GP Academy
- Participated in 2nd Notre Dame inter college science competition

References

Rahmat Ullah Sujan

Trainee Assistant Officer

HR Analyst, HRMD, IFIC Bank PLC

Email: sujan.rahmat@ificbankbd.com

Avijit Biswas

Lecturer, Department of CSE

BRAC University

Email: avijitbiswas1217@gmail.com