

Md. Ashraful Hasan

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Profile Summary

Eager and highly skilled, I hold a B.Sc. in Computer Science and Engineering, showcasing proficiency in diverse programming languages and technical tools. My experience includes developing impactful projects in Artificial Intelligence, Machine Learning, and Web Applications, demonstrating a strong passion for Data Science, Cyber Security, Web Development, Automation, and AI. Beyond technical acumen, my active engagement in extracurricular activities reflects a well-rounded approach to personal and professional development. Excited to apply my expertise to contribute to cutting-edge solutions and advancements in the ever-evolving field of technology.

EDUCATIONAL QUALIFICATION

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| ❖ B.Sc in CSE East West University, Dhaka | GPA: 3.10 2023 |
| ❖ HSC Mirpur Cantonment Public School & College, Dhaka | GPA: 4.67 2018 |
| ❖ SSC Sher-e Bangla Nagar Govt. Boys High School, Dhaka | GPA: 5.00 2016 |

TECHNICAL SKILL QUALIFICATION

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| Programming Language | : Python, C, HTML, Java, JavaScript, SQL, PHP, and Power BI. |
| Software | : Adobe Photoshop, AutoCAD, MATLAB. |
| Programming Libraries | : TensorFlow, Keras, Pandas, Scikit-Learn, Matplotlib. |
| Operating System | : Windows, Ubuntu, Linux. |
| Office Tools | : MS Word, MS Excel, MS PowerPoint. |

PROJECTS

- ❖ **Bangladeshi Road Sign Detection Using Deep Learning Technique for Driver Assistance System:** Developed a traffic sign detection system that provides Bangla voice using deep learning. Computer vision techniques and machine learning models were used to extract traffic signs from images accurately. Build an app for it.
- ❖ **House price prediction using different algorithms:** The Project applies a few classification algorithms on a random dataset and seeks the model's performance using 5 classification algorithms for my dataset. My goal was to find the accuracy for the expected and predicted value of the data set and then cross-validate to choose the best test data that would give the best result.
- ❖ **Detection of Cardiovascular Disease using Extreme Learning Machines and Artificial Neural Networks:** The project's goal was to provide insight into the early-stage prediction of cardiac disease(s), and as a result, a comparison of multiple ML algorithms was made to achieve this goal. To predict the disease, we used six different machine-learning algorithms. To test the resilience of several machine learning algorithms (LR, NB, SVM DT, RF, KNN), the 10-fold cross-validation approach was used.

RESEARCH PAPERS

- ❖ Detection of Cardiovascular Disease using Extreme Learning Machine and Artificial Neural Network. (ICO-2023)
- ❖ Temperature and Humidity Optimization of Smart Greenhouses: Comparison Between Simulated Annealing and Genetic Algorithm. (ICO-2023)
- ❖ Power Consumption Measurements of East West Universities Data Center. (Ongoing)
- ❖ Bangladeshi Road Sign Detection Using Deep Learning Techniques for Driver Assistance Systems. (Ongoing)

EXTRACURRICULAR ACTIVITIES

- ❖ Sergeant Cadet Ambassador at Youth Exchange Program, India-2017.
- ❖ Event Management.

LANGUAGE

- Comfortable working in both Bangla and English languages.
- Arabic (Reading)
- Hindi (Listening & Speaking)

REFERENCES

A.K.M Tareque

Joint Secretary,
Govt. of Bangladesh
Phone: 01711313726

Mohammad Reza

Directorate of Primary Education,
Ministry of Primary and Mass Education,
Bangladesh.
Phone: 01715588197