

M M Shahriar Amin

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Education:

BRAC University

Bachelor of Science in Computer Science

January, 2017 - June, 2021

CGPA 3.41 / 4.00

Technical Skills:

Programming Language: JAVA, Python, C.

Web Programming: HTML, CSS, JS, PHP

Operating System: Linux, Windows

Database: Sql. **Version Control:** Git.

Libraries: Keras, Scikit learn, CatBoost, Panda

Tools: VS Code, IntelliJ IDEA, Anaconda, LaTeX

Projects:

[01] Diabetes Prediction Using Machine Learning.

We proposed a diabetes prediction model for better diabetes classification in this project, which includes a few external factors that cause diabetes, as well as normal factors like glucose, BMI, age, insulin, and so on. When compared to the current dataset, the new dataset improves classification accuracy.

Technology used here: Numpy, Pandas, Matplotlib, Linear-regression.

🔗 <https://git.io/JsXtt>

[02] Blood-Bank Database Project.

This project aims to keep track of all knowledge about blood donors and the various blood types available in each blood bank, as well as to assist them in better managing their operations.

Technology used here: Frontend: HTML, CSS, JS; Backend: PHP, MySQL.

🔗 <https://git.io/JsXqg>

[03] Online-Travel-Agency.

The Online Travel Agency System Project was created as part of my senior college project. PHP, MySQL, HTML, CSS, and Javascript were used to build this.

Technology used here: Frontend: HTML, CSS, JS; Backend: PHP, MySQL.

🔗 <https://git.io/JsXYV>

Online Courses:

| Name of the Course | Year | Platform |
|--|------|----------|
| Introduction to Data Science in Python | 2020 | Coursera |
| Introduction to Big Data | 2021 | Coursera |

Achievement:

[01] IEEE Xtreme 13.0 Programming Contest-2019

- 5th in Bangladesh

[02] Basic Robotics Training.

- Home appliances control using arduino.
- Robotics Workshop Organized by TARC (Training and Resource Center, BRAC).

Thesis/Publication:

[01] Developing A Machine Learning Based Prognostic Model and A Supporting Web based Application for Predicting The Possibility of Early Diabetes and Diabetic Kidney Disease.

- We have developed an early diabetes and dkd prognosis model using machine learning approaches and we have proposed a web based disease prediction application to expedite the existing disease medication process with the help of machine learning and data analysis. The application is still in the testing phase to ensure accuracy.

Technology used here: Numpy, Pandas, Matplotlib, Django, HTML, CSS, JS

🔗 Thesis Paper IEEE

Area of Interest:

- Data Science.
- Machine Learning.

Languages:

- English - Proficiency.
- Spanish- Beginner.
- Bengali - Native