



Tamanna Akter

10/B Green Square Road, Dhaka.

Actively seeking a job to enhance my skills and expand my knowledge in a professional setting. As a graduate in Computer Science, I am enthusiastic about applying my academic learning to real-world challenges, while remaining open to continuous learning and growth. Eager to contribute positively to a dynamic work environment and further develop my expertise.

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Date of birth : 8 December 1997

Employment history

Information Technology Manager

(Space-Architecten) April 2020-2024

- Managing information technology and Computer systems (operating systems, security tools, applications, servers, emails, laptops, desktops, software, and hardware)
- Design, Prepare, and develop plans.
- Ensure security of data, Network systems, and Backup Systems.
- Overseeing the annual IT budget and ensuring cost-effectiveness.
- Remaining up to date with advances in technology.

Academic qualification

M.Sc. in Institute of information and communication Technology, (IICT-Running)

(Khulna University of Engineering and Technology)

- CGPA : 3.50 (out of scale 4.00).

B.Sc. in Computer Science & Engineering (B.Sc. in C.S.E – 2020)

(North Western University, Khulna)

- CGPA : 3.44 (out of a scale of 4.00).

Higher Secondary School Certificates (H.S.C– 2014)

(Khulna Govt Girls College)

- GPA : 4.40 (out of scale 5.00).

Secondary School Certificate (S.S.C– 2012)

(Shipyards School & College, Khulna)

- GPA : 5.00 (out of scale 5.00).

Technical Skills

Programming Languages

- C, Python, JavaScript (ES6)

Frontend Development

- HTML, CSS, Tailwind, Daisy-UI, Vanilla CSS Bootstrap, Axios, tanstack query, Responsive Web Design, React.js, React Router

Backend Development

- Node.js, Express.js, CRUD Operations, ES6, Api

Database Management

- MongoDB, MS Access

Data Analysis Tools

- Weka, SPSS, MS Excel, Jupyter Notebook

Machine Learning

- Classification, Regression, Prediction, and Association Rule Mining

Hosting

- GitHub, Firebase, vercel

Research

- Prediction of rainfall using fuzzy logic.
- Heart disease prediction using machinelearning
- Brain stroke prediction using machinelearning
- Identify the stress level based on differentactivities of humans.
- Prediction of Human depression usingAssociation Rule mining.
- Data mining approach to identify suicidal behavior of students using machine learning.
- Identify the stress level based on differentactivities of humans.
- An Efficient Approach to Predict the Rate of COVID-19 in Healthcare at an Early Stage UsingMachine Learning.

On Going Projects

- Protein Secondary Structure Prediction by Fuzzy Min-Max Neural Network with Compensatory Neurons Relevant Course.

Relevant Course

- Data Structure
- Database Management
- Simulation and Modeling.
- Artificial Intelligence.
- Neural Networks and Fuzzy Logic
- Data Warehouse and Mining.
- Computer Architecture
- Computer Basic and Programming
- Computer Applications in Medicine and
- Diagnostics.

Signature

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Publications

- M. Billah, M. Raihan, N. Alvi, T. Akter and N. Bristy, "A Data Mining Approach to Identify the Stress Level Based on DifferentActivities of Human", 2021 International Conference on Information and Communication Technology for Sustainable Development (ICICT4SD), 2021. DOI: 10.1109/icict4sd50815.2021.9396896.
- M. Billah, M. Raihan, T. Akter, N. Alvi and H. Rehena, "Human Depression Prediction using Association Rule Mining Technique".4th International Conference On InnovativeComputing and Communication (ICICC 2021), 2021 DOI: 10.1007/978-981-16- 2597-8_19. Signature.