Tamanna Akter

Actively seeking a job to enhance my skills and expand my knowledge in a professional setting. A graduate in ComputerScience, 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-part-time) April 2018-2021

- ➢ 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)
(Khulna University of Engineering and Technology)

- ➢ CGPA : 3.50 (out of scale 4.00)
- ➢ Thesis : The thesis is on the process (The thesis doesn't affect my professional life.

B.Sc. in Computer Science & Engineering (B.Sc. in C.S.E)
(North Western University, Khulna)

- ➢ CGPA : 3.44 (out of a scale of 4.00).
- ➢ Thesis : Depression Prediction using data mining and association rules mining

Computer Skills

- ➢ Office Package- (MS Word, MS Excel, MS Access, MS PowerPoint, and MS Publisher).
- ➢ Programming – C, Python (Basic), HTML, CSS, Java-Script (Basic),Tailwind, Daisy UI, Bootstrap and SQL.
- ➢ Database Management- MS Access.
- ➢ Data analysis- Statistical Package for Social Science (SPSS), Stata, MS Excel, Tableau.
- ➢ Graphics - Adobe Photoshop.
- ➢ Hardware skills- Weka, Research.
- ➢ Machine Learning, Association, Classification, Data Analysis.
- ➢ Google Drive- (Docs, Sheets, Slides, forms).
- ➢ Behavior of students using machine learning.

Publications

- ➢ M. Billah, M. Raihan, N. Alvi, T. Akter and N. Bristy, "A Data Mining Approach to Identify the Stress Level Based on Different Activities 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 Innovative Computing and Communication (ICICC 2021), 2021 DOI: 10.1007/978-981-16-2597-8_19. Signature.

Projects

- 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 ofCOVID-19 in Healthcare at an Early Stage UsingMachine Learning.

On Going Projects

- Prediction of suicidal behavior of studentsusing Association Rule mining.

Under Review Articles

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

Relevant Course

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

Training

- I completed Skill Development for Mobile Games & Applications for Government Project, ICT Division Oriented, from 1st May 2018 to 31st August 2018 (4 Month Training).
- I completed Active Citizen Digital model projects in February 2021 from Shushilan which is supported by the British Council.
- I completed the LEAD Bangladesh project in February 2021 from Shushilan which is supported by British Council.
- Programming Hero Web Development Course