SK. Tanzir Mehedi

I Don't Believe In Magic

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🖥 https://tanzirmehedi.github.io

Tanzir?

To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilizing my skills towards the growth of the organization.

Relevant Experiences

9/'19-12/'19 **Data Science (Trainee)**,
Company Name: Fujitsu Research Institute, Tokyo, Japan.

- Major of R and Python Programming Language using Colab and Anaconda.
- Worked with Machine Learning algorithms, Neural Network, Support Vector Machine, Clustering, Logistic Regression as well as Time Series Analysis.
- Lead small teams and work closely to support Data Scientists.

Educational Attainments

Mawlana Bhashani Science and Technology University, Bangladesh

B.Sc. (Engineering) in Information and Communication Technology

- 🔗 *http: www.mbstu.ac.bd*
- Class of 2017
- Result Published: August, 2019

CGPA
3.93 / 4.00
1st Position

Govt. Khan Bahadur Ahsanullah College, Khulna, Bangladesh

Higher Secondary Certificate Examination, Jashore Board

- 🔗 *http: www.kbagc.ac.bd*
- Class of 2012

GPA
5.00 / 5.00

Moutala Secondary High School, Satkhira, Khulna, Bangladesh

Secondary School Certificate Examination, Jashore Board

- 🔗 *http: www.mhs.edu.bd*
- Class of 2010

GPA
5.00 / 5.00

Research Interests

I want to move forward myself to the research activities. It gives me immense pleasure, passion, and a realization as well when I go over in the research area of my interest.

- Improving the security of the Internet of Things Applications using Blockchain Technology.
- Data Science (Cryptocurrency market prediction and how to increase different model accuracy)
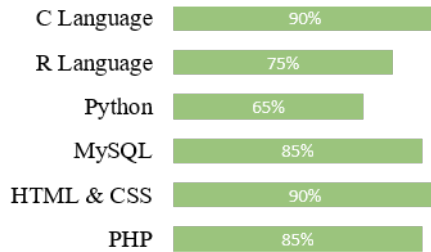
Publications

- SK. Tanzir Mehedi et al. "Blockchain-based security management of IoT infrastructure with Ethereum transactions" *Iran J. Comput. Science - Springer*, vol. 2, no. 3, pp. 189–195, 2019
- SK. Tanzir Mehedi et al. "A Comprehensive Study of IoT Application Layer Security Management" *IJITEE - Blue Eyes Intelligence Engineering and Sciences Publication*, vol. 9, no. 5 pp. 1-7, 2019
- SK. Tanzir Mehedi et al. "Graphene injected D-shape photonic crystal fiber for nonlinear optical applications" *Silicon - Springer*, vol. 2, no. 7, pp. 1-8, 2019
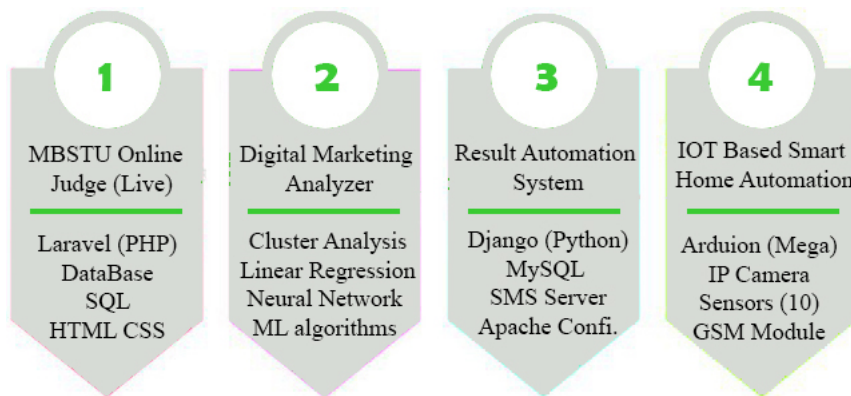
Achievements and Certificates

Scholarships	Merit Scholarship, Faulty of Engineering, MBSTU in every year from 2015 to 2018
Award	Project Show (Best Innovative Idea) event at Digital Innovation Fairs, 2018
Appreciation Certificate	EEE Day Inter-University Project/Thesis Presentation 2018, BUET for Project Titled on IoT Based Smart Home Automation and Security Mechanism.

Technical Skills

Skill	Level
C Language	90%
R Language	75%
Python	65%
MySQL	85%
HTML & CSS	90%
PHP	85%

Tools	Code Blocks, Excel (Data Analysis), Git, Google Colab, Anaconda, Tableau.
Research	Weka, Riverbed, LaTex, MATLAB, Jupyter Notebook, COMSOL

Academic Projects

1

MBSTU Online Judge (Live)

Laravel (PHP)
DataBase
SQL
HTML CSS

2

Digital Marketing Analyzer

Cluster Analysis
Linear Regression
Neural Network
ML algorithms

3

Result Automation System

Django (Python)
MySQL
SMS Server
Apache Confi.

4

IOT Based Smart Home Automation

Arduion (Mega)
IP Camera
Sensors (10)
GSM Module

Details	Projects Details and Another Projects Link : https:www.github.com/tanzirmehedi

Other Skills

Problem Setter	Set 24 Problems in MBSTU Online Judge and 14 problems in others Online Judge using language C, C++ and Java
IEEE SB	Chair at IEEE MBSTU Student Branch, 2019
IEEE SB	Vice-Chair at IEEE MBSTU Student Branch, 2018

Language Skills

Bengali Native — Fluent

English Professional — Excellent

Japanese Professional — Basic

Personal Statement

I consider myself to be highly motivated and eagerly interested in learning through the fulfillment of all commitments. I wish to involve myself for doing such innovative work that will contribute to putting my knowledge of practical use. I will also be dedicated by applying my horizon skills to contribute towards the organization goal.