

SK. Tanzir Mehedi

I Don't Believe In Magic

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Bangladesh

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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

2/20-Present **Lecturer (Full-time),**

University: University of Information Technology and Sciences, Dhaka, Bangladesh.

- Conduct classes, labs, exams and evaluate students' lab, assignment as well as final answer scripts.
- Assist in research activities and supervise undergraduate students' working on the research.
- I have to prepare teaching plans and teaching materials also prepare articles and presentations.

9/'19-12/'19 **Data Analyst (Trainee),**

Company Name: Fujitsu Research Institute, Tokyo, Japan.

- Major of R and Python Programming Language using Excel, Tableau, Colab and Anaconda.
- I have worked with several projects in which solved different problems by different algorithms.
- 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

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. "Graphene injected D-shape photonic crystal fiber for nonlinear optical applications" *Silicon - Springer*, vol. 2, no. 7, pp. 1-8, 2019
- SK. Tanzir Mehedi et al. "A Comprehensive Study of IoT Application Layer Security Management" *International Journal of Information Technology - Springer*, vol. 12, no. 1, pp. 1-14, 2020

Research Interests

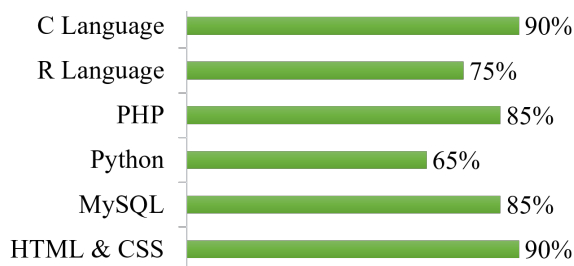
I want to move forward myself to the research activities. It gives me immense pleasure, passion, and a realization as well when I go over in the research area of my interest.

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

Achievements and Certificates

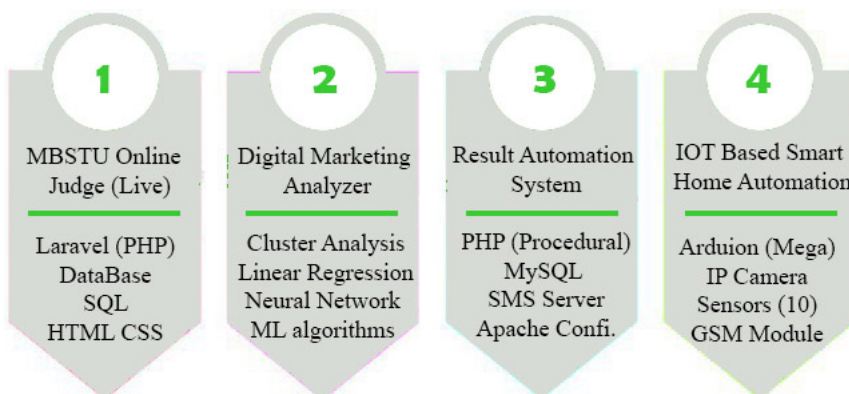
Scholarships	Merit Scholarship, Faculty of Engineering, MBSTU in every year from 2015 to 2018
Award	Project Show (Best Innovative Idea) event at Digital Innovation Fairs, 2018
Appreciation Certificate	EEE Day Inter-University Project/Thesis Presentation 2018, BUET for Project Titled on IoT Based Smart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

Technical Skills



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

Academic Projects



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

Other Skills

Problem Setter	Set 54 Problems in MBSTU Online Judge and 35 problems in others Online Judge using language C, C++ and Java
Problem Solving	Got accepted 214 problems in UVa, 118 problems in URI Online Judge and 174 problems in Codeforces 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



Research Profile

Orchid <https://orcid.org/0000-0003-4435-7856>

ResearchGate https://researchgate.net/profile/Sk_Mehedi2

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.



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