

SK. Tanzir Mehedi

I Don't Believe In Magic

Nikunja-2, Dhaka
Bangladesh

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https://tanzirmehedi.github.io



Tanzir?

- Excellent academic background and experience in the field of Data Science and security analysis of IoT technologies with Blockchain.
- Proven ability to work as an individual or a team member with minimal supervision.
- Highly motivated and eagerly interested in learning through the fulfillment of all commitments.

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

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.
- Conducting research with the aim of publication on Data Analytics and machine learning.

Industry Experiences

9/'19-12/'19 **Data Analyst Engineer- Internship,**

Institute 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 ML algorithms.
- Lead small teams and work closely to support Data Scientists.

Research Interests

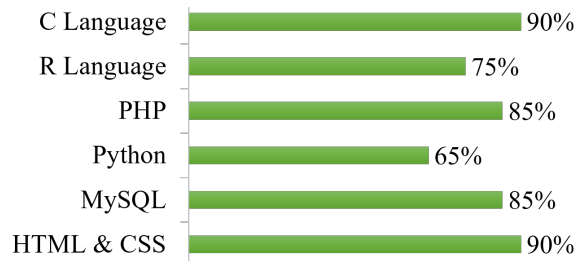
I want to move forward myself to the research activities. It gives me immense pleasure, passion, and a realization as well when I go over in the research area of my interest.

- Investigate and improving the performance and security of the IoT Applications using Data Science.

Achievements and Certificates

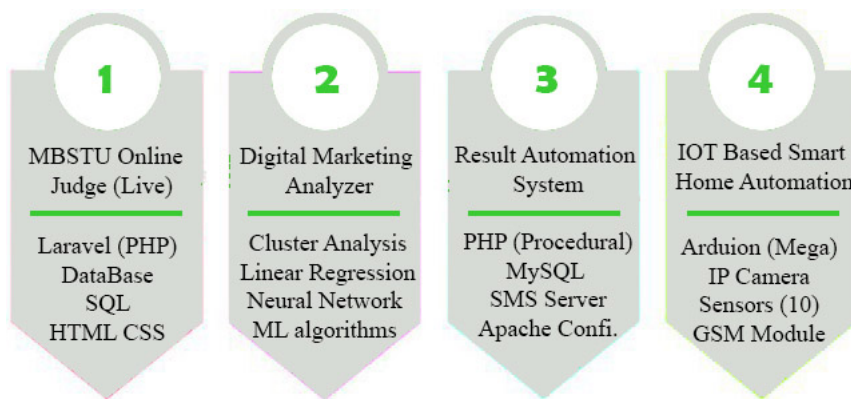
Scholarships	Merit Scholarship, Faculty of Engineering, MBSTU in every year from 2015 to 2018
Award	Project Show (Best Innovative Idea) event at Digital Innovation Fairs, 2018
Appreciation Certificate	EEE Day Inter-University Project/Thesis Presentation 2018, BUET for Project Titled on IoT Based Smart Home Automation and Security Mechanism.
Certificate of Achievement	Inter University Programming Contest in 1st MBSTU CSE Carnival, 2017 and AB Bank IUT 8th ICT Fest Programming Contest, 2016

Technical Skills



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

Completed Projects



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

Professional Affiliation

IEEE-R10	Member, The Institute of Electrical and Electronics Engineers (IEEE)
	Member Number: 94893789

Leading Skills

IEEE SB	Chair at IEEE MBSTU Student Branch, 2019
IEEE SB	Vice-Chair at IEEE MBSTU Student Branch, 2018

Language Skills



Publications

Journals

- 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

Conferences

- SK. Tanzir Mehedi et al. "A Comprehensive Study of IoT Application Layer Security Management" *IEEE International Conference for Innovation in Technology*, 2020
- SK. Tanzir Mehedi et al. "CPU performance prediction using various regression algorithms" *International Conference on Machine Intelligence and Data Science Applications*, 2020

References

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Tangail-1902, Bangladesh
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Ziaur Rahman
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PhD Researcher, RMIT University
Melbourne, Victoria, Australia
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Personal Statement

Proactive communicator with a can-do attitude, adept at quickly learning and grasping new ideas and concepts, and the drive to ensure the highest standards of service are delivered. Excellent written and verbal communication skills with a capacity to deal with cultural diversity and communicate effectively with people of different ages and backgrounds in the workplace. An honest, eager individual with a genuine passion for achieving goals for self and others.



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