

Tauhid Tanjim

Computer and Information Science Department
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Research Interest Artificial Intelligence, Health Tech, Human-Robot Interaction, Computer Vision

Academic Appointments **Ph.D., Information Science**
Cornell Tech, New York, NY,
Research Advisor: Dr. Angelique Taylor Fall 2022 - Present

B.Sc. in Computer Science and Engineering (CSE)
University of Dhaka, Dhaka (2019)
Research Advisor: Dr. Md Mosaddek Khan CGPA: 3.84/4.00

Publications Zaoad, S. A., **Tanjim, T.**, Hasan, M., Mamun-Or-Rashid, M., Almansour, I. A., & Khan, M. M. (2021, September). Accelerating Message Passing Operation of GDL-Based Constraint Optimization Algorithms Using Multiprocessing. In 2021 IEEE Intl Conf on Parallel & Distributed Processing with Applications, Big Data & Cloud Computing, Sustainable Computing & Communications, Social Computing & Networking (ISPA/BDCloud/SocialCom/SustainCom) (pp. 706-714). IEEE.

Hossain, E., Karim, M. R., Hasan, M., Zaoad, S. A., **Tanjim, T.**, & Khan, M. M. (2022). SPaFE: A Crowdsourcing and Multimodal Recommender System to Ensure Travel Safety in a City. IEEE Access, 10, 71221-71232.

Awards and Grants Cornell Tech Outstanding TA Award 2023
Champion under the category of “mobile app”, DU ICT Fest 2018
Runner Up, BRACathon 2017
Grant Awarded for Government Based Project, ICT Ministry 2020

Computer Skills **Languages:** C, C++, Java, Python Bash, L^AT_EX.
Web Development: HTML, CSS, JavaScript.
Applications: Vi/Vim, Eclipse, Visual Studio, Git, VMWare, VirtualBox.
Operating Systems: Unix, Linux, Mac OSX, Windows, Android.
Frameworks: PyTorch, Tensorflow, Keras, Scikit-learn, ROS.

Professional and Teaching Experience **Cornell Tech, Cornell University**
Teaching Assistant
Introduction to Human-Robot Interaction Fall 2022
Practical Application in Machine Learning Spring 2023
Machine Learning Engineering Fall 2023

Brac University
Part-Time Lecturer
Data Structures & Algorithms Spring 2021, Summer 2021, Fall 2021
Data Communications Fall 2021
Operating Systems Summer 2021
Microprocessor Spring 2021, Summer 2021
Computer Graphics Summer 2021
Simulation and Modeling Summer 2021, Fall 2021

References

Dr. Angelique Taylor

Assistant Professor

Information Science Department,
Cornell Tech, Cornell University, NY, USA
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Dr. Md Mosaddek Khan

Associate Professor

Department of Computer Science and Engineering,
University of Dhaka, Bangladesh
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