LOR

Md. Monirul Islam [mdmonirulislam@cse.buet.ac.bd](mailto:mdmonirulislam@cse.buet.ac.bd) +8801731666995 Thesis supervisor, Professor, and Colleague

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Department of CSE, ECE Building

Bangladesh Univ of Engg & Tech

BUET, Polashi

Dhaka - 1000

Department of Computer Science and Engineering,

ECE Building, West Polashi,

Bangladesh University of Engineering and Technology,

Dhaka-1000, Bangladesh.

Department of Computer Science and Engineering,

New Academic Building, West Polashi,

Bangladesh University of Engineering and Technology,

Dhaka-1000, Bangladesh.

Bangladsh U Engr Tec

BSc

Start: March 2009 ( 03 2009 )

End: July, 2014 (07 2014)

Degree awarded: July, 2014 (07 2014)

MSc

Started: October, 2014 (10 2014)

Expected, January, 2017 (1 / 2017)

Toefl: 3 sep 2016 (09 2016)

Homepage: https://sites.google.com/site/azadsalam2611/

Holding #296/A Block #E, 1st colony, Mazar Road, Mirpur-1, Dhaka-1216

House No. 4 Block - B Aliganj Rail Line, Aliganj, Fatullah, Narayanganj

‘’

<http://cse.buet.ac.bd/news/poster/43.pdf>

GRE REGISTRATION: 5469363

TOEFL REG: 0000 0000 2836 7776

0000000028367776

Info needed:

Minimum possible GPA (at this department/college/university): 2.2

Major field of study: ??

Second major field of study:

Visa Status: F1 International Student ?

**Graduation Date or Date left ???**

Department of Computer Science and Engineering,

New Academic Building, West Polashi,

Bangladesh University of Engineering and Technology,

Dhaka-1000, Bangladesh.

Lecturer

August 2014 - Present

Department of Computer Science and Engineering

Bangladesh University of Engineering and Technology

Courses Instructed: Artificial Intelligence, Artificial Intelligence Lab, Machine Learning

Lab, etc.

Community Services

Reviewer

IEEE Transactions on Cybernetics

Best poster-paper award: 1st undergraduate thesis poster presentation,2014, BUET.

Dean’s Honor List, BUET Level : 1, 2, 3, 4

Undergraduate Scholarship, BUET Level : 1, 2, 3, 4

1st Prize in Android Application Development Contest arranged by Samsung, Bangladesh

2013

Founding Member, Engineering Students Association of Bangladesh(ESAB)

Information and Communication Secretary, Engineering Students Association of Bangladesh(ESAB), September 2011 - November 2013

Abdus Salam Azad, Md. Monirul Islam, and Saikat Chakroborty. A Heuristic

Initialized Stochastic Memetic Algorithm for MDPVRP with Interdependent Depot Operations. IEEE Transactions on Cybernetics, vol. 47, no. 12, pp. 4302-4315, Dec 2017. Doi: 10.1109/TCYB.2016.2607220.

Url: <http://ieeexplore.ieee.org/document/7835722/>

PDF: <http://teacher.buet.ac.bd/azadsalam/publications/HISMA.pdf>

Abdus Salam Azad, Md.Kamrul Hasan, M.Arif Imtiazur Rahman, Md.Mustafizur

Rahman, and Nashid Shahriar. **Exploring the behavior and changing trends of**

**rainfall and temperature using statistical computing techniques.** In Tanvir

Islam, Prashant K. Srivastava, Manika Gupta, Xuan Zhu, and Saumitra Mukherjee,

editors, Computational Intelligence Techniques in Earth and Environmental Sciences,

pages 53-78. Springer Netherlands, 2014.

Url: <https://link.springer.com/chapter/10.1007/978-94-017-8642-3_3>

PDF: <http://teacher.buet.ac.bd/azadsalam/publications/springer_chap3.PDF>

<http://cse.buet.ac.bd/news/poster/43.pdf>

<http://teacher.buet.ac.bd/azadsalam/publications/springer_chap3.PDF>

<http://teacher.buet.ac.bd/azadsalam/publications/HISMA.pdf>

<http://teacher.buet.ac.bd/azadsalam/publications/1014052021.pdf> (Eunus sir)

Working with Prof. Md. Monirul Islam at CSE, BUET on

Machine Comprehension using Reinforcement Learning

Status: Ongoing (March 2016 - Present)

Working with Prof. Mohammed Eunus Ali at CSE, BUET on

Finding and Describing Images with Sentences

Status: Ongoing (October 2015 - Present)

Draft: <http://teacher.buet.ac.bd/azadsalam/publications/1014052021.pdf>)

Master’s Thesis with Prof. Md. Monirul Islam

Title: A Heuristic Initialized Stochastic Memetic Algorithm for MDPVRP with Interdependent Depot Operations

Duration: August 2014 - November 2015

Status: Accepted to be published in IEEE Transactions on Cybernetics

Undergraduate Thesis with Prof. Md. Monirul Islam

Title: Diversity Guided Unified Evolutionary Framework for Multi Depot Periodic Vehicle Routing Problem

Status: Best poster-paper award: 1st undergraduate thesis poster presentation, 2014,

BUET.

Duration: April 2013 - June 2014

M.Sc. Engg.

Computer Science and Engineering

Bachelor of Science in Computer Science and Engineering

abbreviated as B.Sc.Engg.(Computer Science and Engg.)

I have been serving as a lecturer in the Department of Computer Science and Engineering at

Bangladesh University of Engineering and Technology, my own alma mater, since August 2014. As a lecturer, I have conducted a number of courses including Artificial Intelligence and Machine Learning. My responsibilities included conducting lectures, checking scripts, preparing and evaluating assignments. Besides, I am also instructing an applied machine learning course for a group of 20 graduates from five different institutions.

After completing my M.Sc., I have started studying deep learning techniques and become familiar with libraries such as Sci-kit Learn, WEKA, Tensor Flow, and Keras. I have also participated in MOOCs on Machine Learning (Coursera) and Deep Learning (Udacity).