

SYED MAHBUBUZ ZAMAN

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Education

Milestone College <i>Secondary School Certificate</i>	2006 – 2013 <i>GPA 5.00/5.00</i>
Notre Dame College <i>Higher Secondary Certificate</i>	2014 – 2015 <i>GPA 5.00/5.00</i>
BRAC University <i>Bachelor of Science in Computer Science and Engineering</i>	Sep. 2016 – Jun. 2021 <i>CGPA 3.49/4.00</i>

Research Interest

- Deep Neural Networks
- Machine Learning
- Computer Vision
- Artificial Intelligence

Technical Skills

Languages: Python, Java, C#, JavaScript, MySQL

Frameworks: Linux, GitHub, React, TensorFlow, Keras, Pandas, scikit-learn, pyTorch, matplotlib

Projects

Final Year Thesis Defence | *Python, Tensorflow, keras, numpy* **January 2021**

- “Dynamic spam detection system and most relevant features identification using random weight network” (link [🔗](#))
- We designed a Neural Network for tackling the problem of spam classification using the enron dataset
- This was implemented by using Recurrent Neural Network models (LSTM, Bi-LSTM & GRU)

Project for IEEE ICEPE 2019 | *Arduino* **March 2019**

- **Smart Streetlight:** The proposed system is a cost effective method which uses IR sensor to detect motion of a passing car or person
- It helps to get rid problems of manual switching. The motion controlled LED consumes less energy and has a better lifespan than high energy consuming lamps.
- This project won the first prize in project showcase competition.

Publications

Asia-Pacific Conference on Computer Science and Data Engineering **CSDE 2021**
Brisbane, Australia *8-10 December*

- S. M. Zaman, M. M. Hasan, R. I. Sakline, D. Das and M. A. Alam, ”A Comparative Analysis of Optimizers in Recurrent Neural Networks for Text Classification,” 2021 IEEE Asia-Pacific Conference on Computer Science and Data Engineering (CSDE), 2021, pp. 1-6, doi: 10.1109/CSDE53843.2021.9718394.

International Conference on Service Operations and Logistics, and Informatics **IEEE-SOLI 2021**
Singapore *11-12 December*

- M. M. Hasan, S. M. Zaman, M. A. Talukdar, A. Siddika and M. G. Rabiul Alam, ”An Analysis of Machine Learning Algorithms and Deep Neural Networks for Email Spam Classification using Natural Language Processing,” 2021 IEEE International Conference on Service Operations and Logistics, and Informatics (SOLI), 2021, pp. 1-6, doi: 10.1109/SOLI54607.2021.9672398.

References

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