Md. Ekram Hossain

Nationality: Bangladeshi

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Gender: Male

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ABOUT ME

I believe that data tells us more than just numbers, it helps us understand our users and their desires. I want to pursue data science because I want the business to use data to maximize its value.

WORK EXPERIENCE

University teaching assistant
Dept. of SWE, Daffodil International University [01/05/2019 – 30/12/2019]

City: Dhaka
Country: Bangladesh

- Work with the lead teacher to monitor the class schedule.
- Assist teachers with lesson preparation by getting materials ready and setting up equipment.
- Collaborate with lead teachers to recognize issues students are facing and recommend solutions.

University research assistant
Dept. of SWE, Daffodil International University [03/09/2019 – Current]

City: Dhaka
Country: Bangladesh

- Conduct literature reviews
- Collect and analyze data
- Building new models
- Learning new algorithms
- Presentation of research papers

PUBLICATIONS

Measuring the Effectiveness of Software Code Review Comments
[2020]

Hossain S.S., Arafat Y., Hossain M.E., Arman M.S., Islam A. (2020) Measuring the Effectiveness of Software Code Review Comments. In: Singh M., Gupta P., Tyagi V., Flusser J., Ören T., Valentino G. (eds) Advances in Computing and Data Sciences. ICACDS 2020. Communications in Computer and Information Science, vol 1244. Springer, Singapore

A Proficient Deep Learning Approach To Classify The Usual Military Signs By CNN With Own Dataset
[2020]

Md. Ekram Hossain, Md. Musa, Nahid Kawsar Nisat, Ashraful Hossen Thusar, Zaman Hossain and Md. Sanzidul Islam (2020). Recognition of usual military signs to rescue hostages. Third International Conference on Computing and Communication (IC3-2020),Sikkim, India.

Publication in progress.

A Proficient Model to Classify Bangladeshi Bank Notes for Automatic Vending Machine
[2020]

Md. Ekram Hossain Arni Islam and Md. Sanzidul Islam (2020). Classfication of Bangladeshi bank notes for automatic vending machine using a tıny Dataset with One-Shot Learning & Siamese networks. the 11th ınternatıonal conference on computıng, communıcatıon and networkıng technologıes (ICCCNT 2020), West Bangal, India

Publication in progress.

Context-based News Headlines Analysis
[2020]

Vietnam Journal of Computer Science

Review in progress.

PROJECTS

Semi-automated machine learning web application

[15/09/2019 – 14/12/2019]

The stated goal of this project is to create a modular and automated machine learning process to take a dataset from start to completed model. This is a modular approach to allow a Data Scientist the ability to use certain components in their modeling process/pipeline without being forced into a one-size-fits-all box. In this way, it allows the Data Scientist to streamer the process while still being able to customize certain elements.

Swe-book Android Application

[07/08/2018 – 10/11/2018]

The goal of this project to provide e-books of semester wise courses for Dept. of Software Engineering.

EDUCATION AND TRAINING

B.Sc in Software Engineering
Daffodil International University [01/01/2017 – 25/12/2020]

Address: Mirpur Rd,, 1207 Dhaka (Bangladesh)

http://daffodilvarsity.edu.bd/

Final grade : 3**.** 90

Thesis : Human Praying Structure Video Frame Classification With Transfer Learning

The main object of this thesis is to develop an automated agent for detecting human praying structures with ResNet-50 using our own datasets

Higher Secondary Certificate
Bangladesh Air Force Shaheen College

Address: Dhaka Cantonment, 1206 Dhaka (Bangladesh)

https://www.bafsd.edu.bd/

Final grade : 4.83

Science

DIGITAL SKILLS

Very good knowledge of C Java python / Machine Learning / Deep Learning / Natural Language Processing / MySQL / Flask / Data analysis / Data Visualization / Power Bi

LANGUAGE SKILLS

Mother tongue(s):

Bangali

English			**Hindi**		
LISTENING: B1	**READING:** B1	**UNDERSTANDING:** B1	**LISTENING:** B2	**READING:** A1	**UNDERSTANDING:** A1
SPOKEN PRODUCTION: B1	**SPOKEN INTERACTION:** B1		**SPOKEN PRODUCTION:** B2	**SPOKEN INTERACTION:** B2	

RECOMMENDATIONS

Professor & Head
Name: Professor Dr. Touhid Bhuiyan
Phone number: (+880) 1847140016
Email: t.bhuiyan@daffodilvarsity.edu.bd

Department of Software Engineering, Daffodil International University

Senior UI/UX designer
Name: Imtiaz Hossain
Phone number: (+880) 1681811033
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