

MD SAHRIAL ALAM

Deep Learning Engineer, Researcher

Born **01-11-1998**

Age **23**

Education **Undergraduate**

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RESEARCH INTERESTS

Artificial Intelligence

Deep Learning

Computer Vision

Cyber Security

EDUCATION

B. Sc in Computer Science and Engineering

Calendar Feb. 2018 – Mar. 2022

Bangladesh University of Business & Technology

Dhaka, Bangladesh

- CGPA: 3.78 out of 4 (stood among top 3%). Achieved merit scholarship four times from university.
- Thesis topic (published): **“Bahdanau Attention Based Bengali Image Caption Generation”** in The Conference of IEEE (2022 International Conference on Decision Aid Sciences and Applications (DASA) Supervised by **Muhammad Firoz Mridha**.
- Another Paper (published): **“Comparison of Different CNN Model used as Encoders for Image Captioning”** in The Conference of IEEE (2021 International Conference on Data Analytics for Business and Industry (ICDABI)).
- Another Paper (published): **“To Predict Customer Churn By Using Different Algorithms”** in The Conference of IEEE (2022 International Conference on Decision Aid Sciences and Applications (DASA)).
- Artificial Intelligence Project: **Customer Churn Prediction**
- Software Development Project I : **CGPA Calculation**
- Software Development Project II : **Bank Management System**
- Software Development Project III : **Online Rent Advertisement Management System**
- Software Development Project IV : **An Online Shopping App**
- Database Project: **Library Management System**
- Computer Graphics: **Road Crossing Alert Using Signal**
- Cyber Security: **Maltego Software**
- Attained more than 2 inter-university programming contests and became top 10 in one time.

EXPERIENCE

Teaching Assistant (Part-Time)

Calendar Jan 2019 – Dec.2021

Maks International School

Dhaka, Bangladesh

Contact: **abu.sayem09@yahoo.com**

- Science Teacher
- Information and Communications Technology Teacher

PUBLICATIONS (3 PUBLISHED)

Conference Proceedings

1. "Comparison of Different CNN Model used as Encoders for Image Captioning." In 2021 International Conference on Data Analytics for Business and Industry (ICDABI), pp. 523-526. IEEE, 2021.
Md Sahrial Alam; Md Sayedur Rahman; Md Ikbal Hosen; Khairul Anam Mubin; Sharif Hossen; M. F. Mridha
DOI: **10.1109/ICDABI53623.2021.9655846**
2. "Bahdanau Attention Based Bengali Image Caption Generation" in The Conference of IEEE (2022 International Conference on Decision Aid Sciences and Applications (DASA), pp. 1073-1077. IEEE.
Md Sahrial Alam; Md Sayedur Rahman; Md Ikbal Hosen; Khairul Anam Mubin; Sharif Hossen; M. F. Mridha
DOI: **10.1109/DASA54658.2022.9765268**
3. "To Predict Customer Churn By Using Different Algorithms" in The Conference of IEEE (2022 International Conference on Decision Aid Sciences and Applications (DASA), pp. 601-604. IEEE
Md Sahrial Alam; Md Sayedur Rahman; Md Ikbal Hosen;
DOI: **10.1109/DASA54658.2022.9765155**

PROGRAMMING SKILLS & TOOLS

Python

C++

Latex

TensorFlow

Matplotlib

NumPy

Git

Linux

Data Structure

HTML

CSS

Java Script

PHP

Java

CSS

Maltego

ACHIEVEMENTS/AWARDS

Trophy Intra-University Programming Contest: Attended more than 2 contests and conquered highest rank **7**

REFEREES

Muhammad Firoz Mridha

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Badhan Chandra Das

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Google Scholar: <https://scholar.google.com/citations?user=d5iqsvgAAAAJ&hl=en>