

# Md Fahim Sikder

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<https://fahim-sikder.github.io>  
Github:// fahim-sikder

## RESEARCH INTEREST

Deep Learning  
Data Generation with Privacy  
Computer Vision  
Natural Language Processing  
Robotics

## COURSEWORK

### GRADUATE

Neural Network  
Medical Imaging  
Data Mining

### UNDERGRADUATE

Machine Learning  
Algorithm Design  
Digital Image Processing

## PROGRAMMING SKILLS

### LANGUAGE

Python • C++ • Java • Julia  
SQL •  $\text{\LaTeX}$

### DEEP LEARNING LIBRARY

PyTorch • Tensorflow • Keras

## SCHOLARSHIP

Begam Saleha Scholarship, BSMRSTU, 2014

## MEMBERSHIP

Professional Member, ACM

## TRAINING

- Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, Coursera, 2019
- Convolutional Neural Networks, Coursera, 2019
- Sequence Models, Coursera, 2019

## EXPERIENCE

### LECTURER | INSTITUTE OF SCIENCE TRADE & TECHNOLOGY (ISTT)

July 2017 - February 2020 | Mirpur, Dhaka

- Coordinator, HEAP Programming Club
- Faculty Member, ISTT ACM Student Chapter
- Coach, Competitive Programming

## SELECTED PUBLICATION

- Predicting Students Yearly Performance using Neural Network: A Case Study of BSMRSTU, 5th International Conference on Informatics, Electronics and Vision (ICIEV), 2016, Dhaka, Publisher: IEEE
- Bangla Handwritten Digit Recognition and Generation, International Joint Conference on Computational Intelligence (IJCCI), 2018, Dhaka, Publisher: Springer

## EDUCATION

### LINKÖPING UNIVERSITY

PH.D. IN COMPUTER SCIENCE

Ongoing | Linköping, Sweden

Thesis Topic: Data Generation with Privacy

### JAHANGIRNAGAR UNIVERSITY

M.Sc IN COMPUTER SCIENCE

September 2018 | Savar, Bangladesh

CGPA: 3.73 (out of 4.00)

Research Project: Study on Bangla Machine Translation Technique using Long Short Term Memory (LSTM)

## AWARDS

2018 Nvidia GPU Grant  
2016 Champion  
2016 Best Young Innovator  
2016 Champion  
2016 Best Young Inventor  
2015 Champion  
Project Showcasing (Mobile Apps)

2015 Top 200  
2014 Champion

Nvidia  
NASA Space Apps Challenge 2016  
BSMRSTU Youth Summit 2016  
Dhaka Divisional Science & Technology Fair  
Digital Innovation Fair 2016  
CSE IT Carnival, BSMRSTU, 2015

Young Bangla Youth Award 2015  
International Contest on Programming and System Development 2014

## REFERENCE

Sajal Halder  
Assistant Professor  
Jagannath University

[sajal@cse.jnu.ac.bd](mailto:sajal@cse.jnu.ac.bd)

Dr. Mrinal Kanti Baowaly  
Assistant Professor  
Bangabandhu Sheikh Mujibur Rahman  
Science and Technology University  
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