

Md Fahim Sikder

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RESEARCH INTEREST

Deep Learning
Trajectory Data Generation
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 • Java • C++ • JavaScript
PHP • MySQL • \LaTeX

DEVELOPMENT TOOL

Android Studio • NetBeans • Weka
Matlab • Unity 3D

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: Privacy Preserving Synthetic Trajectory Data Generation

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
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