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

Tensorflow • Keras • PyTorch

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

AWARDS

Year	Award	Organization
2018	Nvidia GPU Grant	Nvidia
2016	Champion	NASA Space Apps Challenge 2016
2016	Best Young Innovator	BSMRSTU Youth Summit 2016
2016	Champion	Dhaka Divisional Science & Technology Fair
2016	Best Young Inventor	Digital Innovation Fair 2016
2015	Champion Project Showcasing(Mobile Apps)	CSE IT Carnival, BSMRSTU, 2015
2015	Top 200	Young Bangla Youth Award 2015
2014	Champion	International Contest on Programming and System Development 2014

REFERENCE

Sajal Halder
Assistant Professor
Jagannath University

sajal@cse.jnu.ac.bd

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

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