Mir Lutfur Rahman

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Address: 09-Paharika North Peer Moholla, Housing Estate, Sylhet-3100, Bangladesh.

Research Interests

Machine Learning, Artificial Intelligence, Computer Vision, Human-Computer Interaction.

Education

North East University Bangladesh
B.Sc. (Engg.) in Computer Science & Engineering (2014 – 2018)
Obtained CGPA : 3.95 (scale 4.00)
Thesis: Optimizing the decoding time to enhance the compression performance using Huffman principle and adjacent distance array.
Advisor: Professor Ahsan Habib

Publications

Mir Lutfur Rahman, Pranta Sarker and Ahsan Habib. A Faster Decoding Technique for Huffman Codes Using Adjacent Distance Array. *International Joint Conference on Computational Intelligence* (IJCCI), 2019.

Work Experience

Lecturer
May, 2018 - present
Department of Computer Science & Engineering
North East University Bangladesh

Web Developer (Remote Job)
February, 2018 – July, 2018
Veechi Technology

Awards and Achievements

Champion, Rescue Robot Competition, TechHunt, 2017.
4th Place, Sumo Robotics Contest, SUST CSE Carnival, 2017.
2nd Runner Up, International Robotics Challenge, IIT Bombay, 2016-17.
Champion, Youth Innovation Competition, Solve-A-Thon, Sylhet Divisional Round, 2016.
2nd Runner Up, Robo-fight competition, Southern University, 2016.
5th Place, Best Young Innovator, Sylhet Digital Innovation Fair, 2016.

Projects

2DOF Robotic Arm for pattern and character sketching
Web Video Recorder System using WebRTC
Electrical Device Switching System using Internet
University Result Processing System

Activities

Vice President, CSE Society, NEUB 2017-18.
Executive Member, CSE Society, NEUB 2014-15.
Organized 10+ Onsite Programming Contest in NEUB, 2015-17.
Taken 20+ ACM programming workshop in NEUB, 2015-17.
Taken 10+ Software Development Workshop in NEUB.
Taken 10+ Robotics Workshop in NEUB, 2016-17.
Set many programing problems in Hacker Rank and Dev Skill.
Solved 500+ programming problems in different online judges.
Participated three times in ACM ICPC Dhaka site Regional Programming Contest.
Participated three times in National Collegiate Programming Contest.
Participated many national programming and robotics contests.

Skills

Programming Languages : Assembly, C, C++, Java, Python, PHP, JavaScript, Arduino.
Framework : Java OpenCv.
Web Technologies : HTML5, CSS3, W3CSS, Bootstrap, Ajax.
DBMS : MySQL, Oracle 11g.