

# MIR LUTFUR RAHMAN

Email: [mirlutfur.rahman@gmail.com](mailto:mirlutfur.rahman@gmail.com)

Mobile: +447312681278

Website: <https://mlrahman.github.io>

LinkedIn: <https://www.linkedin.com/in/mir-lutfur-rahman-28b773145/>

Github: <https://github.com/mlrahman>  
<https://github.com/mirrahman63>

## Objectives

Highly motivated graduate software engineer with a strong foundation in computer science and a passion for problem-solving through innovative software solutions.

## Education

### UNIVERSITY OF HERTFORDSHIRE

MSc Advanced Computer Science with Placement (2020 – 2022)

### NORTH EAST UNIVERSITY BANGLADESH

B.Sc. (Engg.) in Computer Science & Engineering (2014 – 2018)

## Work Experience

### Graduate Software Engineer

Oct, 2022 – Present

THE HUT GROUP (THG)

### Technical Support Analyst

Sep, 2021 – Sep, 2022

BOOKS EXPRESS LIMITED

### IT Support Assistant

Apr, 2021 – Aug, 2021

BOOKS EXPRESS LIMITED

### Care Assistant

Dec, 2020 – Apr, 2021

HIGHFIELD CARE HOME

### Lecturer

May, 2018 – Oct, 2020

Department of Computer Science & Engineering, NORTH EAST UNIVERSITY BANGLADESH

### Web Developer (Remote Job)

February, 2018 – July, 2018

VEECHI TECHNOLOGY

## Skills

JAVA, SPRING BOOT, RABBITMQ, POSTGRESQL, GIT, ZABBIX, KIBANA, DOCKER, REST API, TYPESCRIPT, ANGULAR, PHP, JAVASCRIPT, CSS3, W3CSS, ARDUINO, HTML5, AJAX, MYSQL

## Awards and Achievements

**Champion**, Rescue Robot Competition, TechHunt, 2017.

**2<sup>nd</sup> Runner Up**, International Robotics Challenge, IIT Bombay, 2016-17.

**Champion**, Youth Innovation Competition, Solve-A-Thon, Sylhet Divisional Round, 2016.

## Projects

NEUB Result Portal, 2DOF Robotic Arm for pattern and character sketching, Web Video Recorder System using WebRTC, Electrical Device Switching System using Internet, Online Ordering System, University Library Management System, Online Voting System, University Result Processing System, E-Lottery Draw App

## Extracurricular

Vice President, CSE Society, NEUB 2017-18.

Organizing lead in a national tech event

TechHunt 2017 hosted by NEUB.

Executive Member, CSE Society, NEUB 2014-15.

Organizing lead in 10+ Onsite Programming Contest in NEUB, 2015-17.

Taken 40+ ACM programming workshop in NEUB, 2015-17.

Taken 10+ Web Development Workshop in NEUB.

Taken 20+ Robotics Workshop in NEUB, 2016-17.

Set 20+ programming problems in Hacker Rank and DevSkill online judge.

Solved 500+ programming problems in different online judges such as UVA, LightOJ, DevSkill, Codeforces, VJudge.

Participated in ACM ICPC Dhaka site Regional and National Collegiate Programming Contest, 2015-17.

## Publications

**Introduction to Adjacent Distance Array with Huffman Principle: A new Encoding and Decoding Technique for Transliteration Based Bengali Text Compression**, Pranta Sarker and Mir Lutfur Rahman, *International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2020)*

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