S. M. Mohaiminul Islam Eraj
APPLYING FOR INTERNSHIP

A creative and curious person with keen interest to learn.

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▼ Education

Computer Science (Major) | Finance (Minor), Independent University, Bangladesh	(2017-2021)
Milestone College (SSC, HSC)	(2013-2016)

▼ Relevant Experience

<u>Course Projects & Research</u>

Data Structures and Algorithms
- Dynamic Memory Allocation.
- Implementation of Linked List, Stack, Queue, Graph, Tree.
- Implementation of Sorting, Searching and Shortest Path Algorithms.
- Time Complexity Analysis.

Technologies Used:

C++

Object Oriented Programming
- Learned the concept and implementation of the Four Pillars of OOP (Encapsulation, Abstraction, Inheritance, and Polymorphism)
- Designed and executed a GUI based passport issuing management application [link]

Technologies Used:

Java, Java FX

Database Management Systems
- Entity Relationship Diagram, Rich Picture, BPMN 2.0, Normalization, Relation Schema, SQL
- Designed a Database along with a functioning webpage where the user can view and compare semester-wise admission results of the students of IUB [link]

Technologies Used:

Xampp, HTML, CSS, JavaScript, PHP, MySQL

On-Going Projects
1. Developing an E-commerce based website using MERN Stack.
2. Designing a Database along with a functioning webpage where the user can view and compare semester-wise admission results, enrollment trends of multiple universities and generate graphs/chart and PDF of the information.

Technology Used:

HTML, CSS, JavaScript, Chart JS, Node JS, MongoDB

Professional Certificate:
- DeepLearning.AI TensorFlow Developer [link]

Accomplishment:
- 2nd runner up of a Programming Contest in INTRA IUB TECH FEST [link]   2018
- Runner up of Project Showcase in INTRA IUB TECH FEST [link]   2019

ADDITIONAL SKILLS
- Vast Research Capabilities
- Understand the concept of SDLC, Agile Methodologies
- Cloud Computing Concepts (IaaS, PaaS, SaaS)
- Basic Machine Learning knowledge
- Linux