



## MOHAMMAD ASIFUR RAHIM

**Date of birth:** 02/09/2000 | **Nationality:** Bangladeshi | **Gender:** Male |

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### WORK EXPERIENCE

01/01/2023 – CURRENT DHAKA, Bangladesh

**LECTURER** DEPARTMENT OF CSE, DAFFODIL INTERNATIONAL UNIVERSITY

- Preparing and Delivering Lectures
- Preparing course outlines and materials
- Conducting research, writing papers
- Attending meetings, seminars, conferences and other events

**Department** Computer Science and Engineering | **Email** [asifurrahim.cse@diu.edu.bd](mailto:asifurrahim.cse@diu.edu.bd) |

**Website** <https://faculty.daffodilvarsity.edu.bd/profile/cse/asifur.html>

### EDUCATION AND TRAINING

2018 – 01/01/2023 Dhaka, Bangladesh

**BACHELOR OF COMPUTER SCIENCE AND ENGINEERING** Ahsanullah University of Science and Technology

**Website** <https://www.aust.edu/> |

**Field of study** Data Structures, Algorithms, Artificial Intelligence, Pattern Recognition, Soft Computing, Digital Image Processing

**Final grade** 3.872/4.00, (5th among 150 students) |

**Thesis** A Deep Learning Based Method to predict plant diseases: A Case Study with Rice plant Disease Classification

### LANGUAGE SKILLS

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	B2	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

### DIGITAL SKILLS

**Programming Language**

C | C++ | Java | Python | C# | JAVAScript | SQL | PL/SQL

## Tools

Google Colab

## Databases

Oracle | MongoDB | Firebase

## Frameworks

JavaFx

## Web Technologies

HTML | CSS | Bootstrap

## Writing Technologies

Latex | Overleaf

## Problem Solving

Leetcode

## OS

Windows | Linux

## Others

Git | WebGL | OpenGL

## ● ADDITIONAL INFORMATION

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### RESEARCH EXPERIENCE

#### A Deep Learning Based Method to predict plant diseases: A case study with Rice plant disease Classification

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This research is supervised by **Prof. Dr. Mohammad Shafiul Alam(AUST)**

Link <https://github.com/Annoy180104109/Rice-Plant-Disease-Classification>

#### Transformation of Real to Cartoon Images Using GAN

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This research was conducted during the final semester in a lab course called "**SOFT COMPUTING**"

### PUBLICATIONS

#### Conference Proceedings – 2023

1. Nusrat Khan, Md. Hasan Imam Bijoy, Atik Asif Khan Akash, Md. Mizanur Rahman, **Mohammad Asifur Rahim**"Automated Agricultural Pests Identification using Convolutional Neural Network-based Transfer Learning".**International Conference on Big Data, IoT and Machine Learning (BIM 2023),2023**. Accepted not yet published

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### PROJECTS

**Charity Management System** This is a charity-based project. I used PHP, HTML, and CSS as the programming language and Xamp as the database. The software tool I used is vs-code

Link <https://www.youtube.com/watch?v=PMD69vNqJM0>

#### Humanitarian Aid

- Language: **C#**
- Frontend: **HTML, CSS, Bootstrap**
- Framework: **MVC**

Link <https://www.youtube.com/watch?v=fB8n61yQuag>

## Laptop Price Prediction Using Machine Learning

- Language: **Python**
- Framework: **Google Colab**

**In this project ,We created a dataset of our own and used different traditional machine learning algorithms to predict prices.**

**Link** <https://github.com/Annoy180104109/4.1-AI-Project>

## Playing Condition Prediction Using Naive Bayes Classifier

- Language : **PL\SQL**
- Framework : **Virtual Machine.SQL+**

**Link** <https://github.com/Annoy180104109/4.1-project-dds>

## HONOURS AND AWARDS

**Deans List of Honor – Ahsanullah University of Science and Techonolgy** For having cgpa  $\geq 3.75$  in undergraduation

**Tuition Fee Waiver – Ahsanullah University of Science and Techonolgy** For having excellent academic results in almost every semester in bachelor

## TEACHING EXPERIENCE

### Courses

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- **CSE421 & CSE422** (Computer Graphics and Computer Graphics lab)
- **CSE 234 & CSE235** (Algorithm and Algorithm lab)
- **CSE226** (Software Project-I)

## VOLUNTEERING

2018 – 2022

**Society Representative of "AUST CSE SOCIETY"**

## RECOMMENDATIONS

**Prof. Dr.Mohammad Shafiul Alam** Thesis Supervisor

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Md. Asifur Rahim is a very punctual and hardworking person which reflected in this academic excellence and research potentials. I strongly recommend him for higher studies.

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