



01779641115  
chinmoymondol46@gmail.com  
/chinmoymondol  
/chinmoymondol46

# Chinmoy Mondol

As a motivated individual, I would like to pursue a challenging career in an organization with an enthusiastic environment that will motivate and support me to utilize my knowledge and expertise for professional development.

## Technical Skills

### Programming Languages:

C, C++, Java, C#, Python, PHP, JavaScript, MATLAB, Assembly Language

### Web Development Tools:

HTML5, CSS3, Bootstrap, WordPress

### Development Tools:

Agile SDLC, QA Methodologies

### Database Tools:

SQL Server, MySQL, MS SQL, Oracle

### General Tools:

MS Office, Adobe Photoshop, Adobe Premiere Pro

## Area of Interest

- Deep Learning
- Data Mining
- Software Development
- Software Quality Assurance

## Achievements

- Achieved Dean's List Honors from American International University-Bangladesh
  - Dean's List Honor is awarded for excellent academic performance.
- Achieved Academic Scholarship from American International University-Bangladesh
  - Academic Scholarship is awarded based on semesters results and academic activities.
- Won 1st prize on Inter University ICT Olympiad (AIUB CS Fest 2018)

## Language Proficiency

### Bengali

Reading	Writing	Listening	Speaking
Excellent	Excellent	Excellent	Excellent

### English

Reading	Writing	Listening	Speaking
Excellent	Good	Excellent	Good

## Academic Qualifications

- |             |   |
|-------------|---|
| 2017 - 2021 | <b>BSc. in Computer Science and Engineering</b><br>American International University-Bangladesh<br>CGPA: 3.99 out of 4.00 |
| 2015 - 2017 | <b>Higher Secondary Certificate</b><br>Sirajganj Collectorate School & College, Sirajganj<br>GPA: 4.58 out of 5.00        |
| 2013 - 2015 | <b>Secondary School Certificate</b><br>Sobuj Kanan School & College, Sirajganj<br>GPA: 4.61 out of 5.00                   |

## Experience

### American International University-Bangladesh

Teaching Assistant | Intern | Nov 2020 - Jan 2021

#### Responsibilities:

- Was assigned as TA in "Artificial Intelligence and Expert System" and "Web Technologies" course for Fall 20-21 semester
- Served as a sounding board and assisted teachers as they created lessons and classroom policies
- Conducted tutorials, labs, and review sessions
- Provided support and guidance to students

## Thesis

### Music Suggestions from Determining the Atmosphere of Images

This project provides a robust music suggestion system using core components of computer vision and data mining and also checks its feasibility through implementation. The system determines certain features of a picture and generates attributes according to it. These attributes are then used to generate music suggestions which in turn complements the atmosphere as well as the mood of the listener.

## Projects

### Keyword Density Checker | Desktop

A keyword density checker developed with C# that takes keywords and multiple web pages as input and provides the count and density of each keyword in each web page as output, which is saved in a structured CSV file.

**2 people group project | Feb 2021**

**GitHub:** <https://git.io/JtD74>

**Platform and Tools:** C#, Visual Studio

## Reference(s)

### MD. KISHOR MOROL

Lecturer

Department of Computer Science

Faculty of Science & Technology

American International University-Bangladesh (AIUB)

E-mail: kishor@aiub.edu

### Flower Classification Model | CNN Model

A custom CNN model developed using python for classifying five famous classes of flowers.

**3 people group project | Aug 2020**

**GitHub:** <https://git.io/Jtv6c>

**Platform and Tools:** Python 3.8, TensorFlow, Keras, OpenCV, Jupyter Notebook

### Online Job Portal | Web

An online job portal developed with PHP and JS that provides employers and seekers with various options to post and search jobs that most closely match their needs while maintaining authenticity and decorum.

**2 people group project | Aug 2020**

**GitHub:** <https://git.io/Jtvo0>

**Platform and Tools:** HTML5, CSS3, PHP, JavaScript, My SQL, VS Code, XAMPP

### Brick Breaker Game | Desktop

Simple brick breaker game developed with C++ and GLUT where players try to achieve the highest score by controlling a paddle and a bouncing ball via keyboard and mouse, and try to break the stack of bricks while keeping the ball from touching the ground.

**2 people group project | Apr 2020**

**GitHub:** <https://git.io/JtvoK>

**Platform and Tools:** C++, GLUT, Code::Blocks

### Hospital Management System | Desktop

A hospital management system developed with C# that handles doctor's appointments, patients' histories, medicine prescriptions, and room reservations by performing CRUD operations in its database.

**4 people group project | Dec 2020**

**GitHub:** <https://git.io/JtvzA>

**Platform and Tools:** C#, MS SQL, Visual Studio, MS SQL Server

### Super Shop Management System | Desktop

A simple super shop management system developed with java that deals with the billing system, sales information, and handles the management of employees and stock by performing CRUD operations in its database.

**3 people group project | Aug 2020**

**GitHub:** <https://git.io/JtvEg>

**Platform and Tools:** Java, My SQL, NetBeans, XAMPP