

MD. BILLAL HOSSAIN

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Chittagong, Bangladesh

in bi11a1



Passionate about sports programming and looking forward to apply problem solving skills into real world use.

EDUCATION

MSc in Computer Science and Engineering

Chittagong University of Engineering & Technology

08/2019 – 03/2022 2nd among 42, CGPA: 3.92/4.00

BSc in Computer Science and Engineering

Chittagong University of Engineering & Technology

03/2014 – 12/2018 2nd among 120, CGPA: 3.89/4.00

PROJECTS

- **Developing a framework for acquisition and analysis of speeches**
 - Developed an android app that can record speeches along with the recorder's location and then send the data to a server where the speech is converted into text using Google STT API.
- **Automatic facial expression recognition using deep convolutional neural network**
 - It is a machine learning project that can identify seven basic facial expressions (Anger, Disgust, Fear, Happiness, Sad, Surprise and Neutral) of a person from a static image. It was implemented using OpenCV, Tensorflow, TFLearn libraries in Python.
- **Snake game**
 - Simulation of the popular snake game using OpenGL in C++.

WORK EXPERIENCE

- **Assistant Professor, Dept. of CSE**
Chittagong University of Engineering & Technology
06/2022 – Present Full-time
- **Lecturer, Dept. of CSE**
Chittagong University of Engineering & Technology
07/2019 – 06/2022 Full-time
- **Research Assistant, Dept. of CSE**
Chittagong University of Engineering & Technology
12/2018 – 06/2019 Full-time
- **Software Engineering Intern**
Apsscode Inc.
11/2017 – 12/2017 Full-time

SKILLS

C++

Data Structures

Algorithms

Machine Learning

Python

HONORS AND AWARDS

- **2nd, National Collegiate Programming Contest, 2017**
150 teams (National)
- **4th, IUT 9th ICT Fest (Programming Contest), 2017**
117 teams (National)
- **10th, ACM ICPC Regional Dhaka Site, 2016**
123 teams (National)
- **5th, Inter University Programming Contest Organized by BSCCL, 2016**
49 teams (National)
- **4th, DIU ACM ICPC World Finals Warm-up Contest, 2016**
39 teams (National)
- **7th, IUT 8th ICT Fest (Programming Contest), 2016**
102 teams (National)

ONLINE JUDGE STATISTICS

- Codeforces, Solve Count: 1,712
- LightOJ, Solve Count: 120
- UVA, Solve Count: 126

CO-CURRICULAR ACTIVITIES

Competitive Programming Trainer
CUET Computer Club (2017 – Present)

Organizer

CUET NCPC-2017 and CUET CSE Fest-2017

INTERESTS

Machine Learning

Problem Solving

Natural Language Processing

Chess