

# Mustahid Hasan

A Software Engineering pursuing student from IIT, DU

241, Mid Basabo, Dhaka, Bangladesh

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## OVERVIEW

A diligent and enthusiastic intern focusing on an internship or entry-level opportunity in software engineering

- Experienced in object-oriented programming; developing software with proper documentation and testing, and following design patterns.
  - Interested in learning new technologies like Augmented Reality, Blockchain technology, and Machine Learning.
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## EDUCATION

**University of Dhaka -Dhaka, Bangladesh**

**Pursuing Bachelor of Science in Software Engineering (BSSE),** 108/144 credits completed

- **CGPA** – 3.90 / 4.00

### Course Accomplished

#### Object Oriented Courses

- Object Oriented Concepts I
- Object Oriented Concepts II
- Design Pattern

#### Data Structure and Algorithm Courses

- Structured Programming
- Data Structure and Algorithm
- Combinatorial Optimization

#### Security and Networking Courses

- Computer Networks
- Information Security
- Software Security

#### Software Engineering Courses

- Introduction to Software Engineering
- Software Requirement Specification and Analysis
- Software Design and Analysis
- Software Testing and Quality Assurance

#### Computer Science Fundamental Courses

- Discrete Mathematics
- Computer Organization
- Theory of Computing
- Operating System

#### Web Development Courses

- Web Technology
- Distributed System
- Database Management System I
- Database Management System II

#### Project Oriented Courses

- Software Project Lab I
- Software Project Lab II

#### Business Study Oriented Courses

- Business Studies for Engineers
- Business Psychology
- Sociology

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## SKILL SET

**Programming Language:** C, C++, Java, C#, JavaScript

**Libraries/ Framework:** AngularJS, NodeJS, Vuforia, VueJS, Unity, REST API, JavaFX

**Tools:** Git, VSCode

**Platforms:** Windows, Linux

**Language:** English, Bangla

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## ACADEMIC CAPSTONE

**Emotion Detector:** Emotion detector deals with detecting emotion from textual data in Bangla and English languages. It detects emotion from text, analyzes emotional consistency, and predicts human personality using fuzzification.

**Chemouflage:** Chemouflage is a chemistry-oriented augmented reality-based android application. It teaches the students the fundamental basics of Chemistry (such as atomic and compound structures, and compound forming) in an interactive and animated way.

**Mini Facebook:** A social media application to post status and stories with friends using distributed technology.

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## ACHIEVEMENTS

- 2022, Champion, Project Showcasing Contest, Rajshahi University of Engineering Technology, Rajshahi, Bangladesh
  - 2021, Runner-up, Project Showcasing, Military Institute of Science & Technology, Dhaka, Bangladesh
  - 2021, Runner-up, Project Idea Competition, Chittagong University of Engineering Technology, Chittagong, Bangladesh
  - 2020, Runner-up, Hackathon, University of Dhaka, Dhaka Bangladesh
  - 2020, Champion, Digital Art Competition, University of Dhaka, Dhaka Bangladesh
  - 2019, Player of The Tournament, Intra department futsal. University of Dhaka, Dhaka Bangladesh
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## EXTRACURRICULARS

- **IITSEC (IIT Software Engineer's Community) Dhaka, Bangladesh**  
Head of Software Engineering sector, (Jan 2019-Dec 2023)
- **DUIITS (Dhaka University IT Society) Dhaka, Bangladesh**  
Executive member, (Jan 2020-Dec 2023)