

# Mohammad Masum Hossain

STUDENT

C Block, Bashundhara R/A

01956197231 | masumhossainrana71@gmail.com | Masum97 | Mohammad-Masum-Hossain



## Objective

An optimistic person who believes in completing task with utmost dedication and enthusiastic in gathering new Knowledge. I have participated in competitive programming on platforms like HackerRank and CodeChef. My interest lies in software development as well as in AI/ML. Therefore, my aim is to look out for a company that can guide me in achieving our mutual goals and help me grow in my desired profession.

## Skills

<b>Soft Skills</b>	Time Management . Communication . Leadership. Team work . Critical Thinking . Adaptability . Work ethic
<b>Programming</b>	C++ . Python . Java . JavaScript . HTML . CSS . MATLAB
<b>Framework</b>	Bootstrap . Django
<b>Database</b>	MySQL
<b>Library</b>	Numpy
<b>Version Control</b>	Git
<b>Office &amp; Productivity</b>	Google Sheet . Google Slide . Google Docs . Overleaf
<b>Language</b>	Bengali . English
<b>Others</b>	Nessus . Nmap . Metasploit . Wireshark . Burp suite . cisco

## Experience

### Babylon Resources Ltd

Lalmatia, Dhaka

CYBER SECURITY ANALYST

7 Aug - 15 Nov

Successfully executed a VAPT project, identifying and remediating critical vulnerabilities, enhancing the overall security posture of a website.

## Education

### B.Sc in Computer Science and Engineering

Dhaka, Bangladesh

INDEPENDENT UNIVERSITY, BANGLADESH

Aug 2018 - April 2023

Minor in Robotics and Intelligence Machine

### Higher Secondary School Certificate

Kashimpur, Gazipur

HATIMARA HIGH SCHOOL AND COLLEGE

Jan 2014 - Dec 2016

## Projects

**Aggregating Local Descriptors into a Compact Image Representation**, The Problem addressed in this paper involves searching for a query image throughout a Very large database of images keep in mind accuracy of the search, memory Management.

2022

**Table and Chart Management System**, Developed a web-based system for a university to facilitate comprehensive analysis of resources and revenue through intuitive tables and graphs.

2022

- 2022 **Build an Inventory Management System**, Utilized HTML, CSS, and Bootstrap 5 to develop a visually appealing and responsive frontend for web applications. Developed the backend part of the application using Django Framework
- 2022 **System Analysis of Classroom Requirement and Revenue Monitoring System of IUB**, Demo project to showcase expertise system and requirement analysis of IUB's classroom requirement and revenue monitoring system.
- 2023 **Telepresence Robot for Medical Assistance - Prototype Design and Development**, Designed and developed a telepresence robot for medical assistance, enabling remote patient monitoring and communication.
- 2021 **Design and Construction of an RC Car**, Developed a fully-functional RC car from scratch, showcasing expertise in design, fabrication, and implementation of remote-controlled vehicle technologies.
- 2020 **Autonomous Line Following Robot**, Developed and implemented an autonomous line following robot that utilizes advance sensor techniques to accurately navigate predefined paths.

## Training & Certifications,

### TRAINING & CERTIFICATIONS

- 2023 **Master Git and GitHub- Beginner to Expert**, Udemy

## Seminars & Workshops

- 2023 **Pre-Internship Training Program**, Participant *IUB*
- 2020 **Professional Communication Through Email Writing**, Participant *IUB IEEE Student Branch*
- 2019 **Introduction to Basic Arduino**, Participant *IUB IEEE Student Branch*

## Reference

Assistant Prof. A K M Mahbubur Rahman  
 Ph. D, Assistant Professor, Independent University, Bangladesh  
 ✉ [akmmrahman@iub.edu.bd](mailto:akmmrahman@iub.edu.bd)