

MOHAMMAD RAHAT HOSSAN

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EDUCATION

Bachelor of Science in Computer Science and Engineering
Southeast University

Jul 2023 - Present
CGPA : 3.90

Higher Secondary Certificate - Science
Mirpur Cantonment Public School and College

2019 - 2021
GPA : 5.00

Secondary School Certificate - Science
Adamjee Cantonment Public School

2014 - 2019
GPA : 4.94

TECHNICAL SKILLS

Programming Languages : C, C++ (Expert), Python, Java, SQL, Assembly, Bash

Database : MySQL, SQLite

Web Technologies : FastAPI, HTML, CSS

Tools & Platforms : Git, GitHub, Linux

Others : Problem Solving, DSA, OOP, Socket Programming, Networking

ACHIEVEMENTS

- **ICPC Asia Dhaka Regionalist** (2025)
- **19th Place**, CodeClash - Oscillon 2025
- **51st Place**, BUBT IUCPC 2025
- **Participation** :
 - BUET IUPC 2026
 - CUET IUPC 2025
 - DUET IUPC 2025
 - AUST IUPC 2025
- CodeChef : **2 star** (1572 max rating)
- Codeforces : **1194** max rating
- Leetcode : **1584** max rating
- Solved **1000+** problems across various competitive programming platforms

PROJECTS

- **Todo App**
A RESTful Todo API using **FastAPI** with **SQLite3**, implementing CRUD operations and **JWT** authentication for secure user access.
- **QuickAid - Emergency Buddy**
An Android emergency help application using **Java**, designed to provide essential **emergency** assistance features and user-friendly interaction during critical situations.
- **GameVerse**
A game using **8086 Assembly** language, focusing on **low-level** programming logic and manual memory/register handling.
- **Multi-Client Chat System**
A real-time multi-client chat system using **Java Socket Programming** with **multithreading** for concurrent users.
- **Military Resource Management System**
A console-based Military Resource Management System using **Java OOP** core concepts with admin and user role-based functionality.
- **Human Following Robot**
A Human Following Robot using **Arduino Uno**, designed to autonomously detect and follow a human target using **sensor-based** control.

ACTIVITIES

Southeast Computer Club (SEUCC)
Sub-Executive | Feb 2024 - Dec 2024

LANGUAGES

- Bangla (Native)
- English (Working proficiency)