MD. INZAMAM-UL HAQUE SOBUZ ⬈

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EDUCATION

UNIVERSITY OF DHAKA ⬈   Dhaka, Bangladesh
Bachelor of Science in Software Engineering   Expected Graduation Oct 2023
Cumulative GPA: **3.74/4.00** (up to 6th semester)

EXPERIENCE

SAMSUNG R&D INSTITUTE ⬈   Dhaka, Bangladesh
Software Engineer Intern   Jan 2023 – present
- Working on Reseach | FreeRTOS

PROJECTS

ONLINE EXAM PROCTORING SYSTEM | MEAN ⬈   Jan 2022 – Mar 2022
- Implemented automated online exam proctoring system in 2-person team using MEAN stack in 3-credits project.
- Consistently keeps eyes on the examinees and tracks if they are trying to change the exam tab or looks outside the screen longer than the limit specified by the teacher.
- Notifies the teacher if any suspicious activity is found with evidence(camera footage and screen record).

SMART HOME SYSTEM | MEAN ⬈   Aug 2022
- Designed a smart home system using voice command application in a 3-person team using MEAN stack in 24-hour hackathon.
- A tool that does voice detection, voice to text conversion and based on the conversion it suggests the top news around the area of the user, plays the song asked to be played, finds the best route of a user, and searches with voice commands.

WUMPUS WORLD - A KNOWLEDGE BASED AI GAME | Angular ⬈   Oct 2022
- Play safe as well as take risks when deadlock occurs - by probabilistic reasoning.
- It can render random environments depending on Pit, Wumpus, Gold probability. Also take risky steps when a deadlock situation occurs, and play the safest possible path when no deadlock situation is there.

CONNECT 4 | Python ⬈   Aug 2022
- Implemented a game with an AI opponent - uses a minimax algorithm with a heuristic search to find the best move.

MINI C COMPILER | C++ ⬈   Jan 2021 – Sep 2021
- Built syntax errors checker of a C program with basic and fundamental syntactic structures using C++ in 3-credits project.

AWARDS

3rd at Code Samurai 2022(Inter-University Hackathon) ⬈   Team Name: DU_Heckers
20th at ICPC Asia Dhaka Onsite Regional Contest 2021 ⬈   Team Name: DU_HereForTheFood
15th at Inter University Programming Contest(SUST IUPC 2023) ⬈ Team Name: DU_HereForTheFood2.0
353rd at GOOGLE Kick Start 2021 Round B ⬈   Handle: inzamam_inz
815th at GOOGLE Hash Code 2022 Online qualification round ⬈   Team Name: DU_naam_pai_na
Won Goodie by finishing top 2000 at META Hacker Cup 2022 Round 2 ⬈   Handle: inzamam_inz
1st at ITVerse Coding competition 2020 ⬈
Expert Coder at CODEFORCES ⬈   Max Rating: 1768
5 Star Coder at CODECHEF ⬈   Max Rating: 2002
Knight Coder (top 2.8%) at LEETCODE ⬈   Max Rating: 1974

ACTIVITIES

COMPETITIVE PROGRAMMING ⬈   IIT, University of Dhaka
Trainer   Jan 2022 – Present
- Have been guiding the students of first year who are struggling in basic coding and DSA.
- Take Competitive Programming classes and set contests.

IIT PROGRAMMING CLUB   IIT, University of Dhaka
General Secretary   Aug 2022 – Present
- Organized Weekly DSA classes & sessions and hosted Intra Weekly and Biweekly Contests.
- Hosted ComBee (Intra Department Combinatorics Bee).

IIT DEBATING CLUB   IIT, University of Dhaka
Executive Member   Jan 2020 – Present
- Managed Multiple Debate Sessions & Workshops and hosted "IITDC Debate Fest" (Intra Department Debate Fest).

ADDITIONAL

Technical Skills: C, C++, Java, Python, Angular, NodeJS (Express JS), MongoDB.
Problem Solving: Solved 1700+ problems & participated in 200+ contests. Set, develop and test 10+ competitive programming problems.
Certifications & Training: Passed Samsung Software Competency Advanced test.
Others: Question setter in several competitions. Team member of University Coding contest Team. Got JSC, SSC, HSC govt. scholarship.