

Md. Albin Hossain

Summary: As a former competitive programmer with solved over 1800 problems on various online judges, I have developed strong skills in Data Structures and Algorithms. I am a creative problem solver who enjoys learning about new technologies and tackling complex challenges.

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Website: www.albin.com.bd

Sheachar, Kutubpur, Narayanganj

EDUCATION

Bangladesh University of Engineering and Technology
Master of Engineering in Computer Science and Engineering
July 2023 – Present

Daffodil International University, Dhaka, Bangladesh
Bachelor of Science in Computer Science and Engineering
JANUARY 2019 – FEBRUARY 2023 | CGPA 3.82 out of 4.00

SKILLS

- Proficient in C/C++, Kotlin, Java, and Python
- Experienced with Ubuntu, WSL, Git, VS Code, Android Studio, Azure, Firebase, Android Jetpack, Linux, Node.js, React, OpenGL
- Familiar with HTML, CSS, JavaScript, SQL, PHP
- Strong knowledge of data structures and algorithms
- Creative problem solver and competitive programmer

PROBLEM SOLVING & CONTEST PARTICIPATION

- Solved over 1800 problems on various online judges such as [Codeforces](https://codeforces.com/) (750+ with Max Rating: 1466), [UVA](https://uva.onlinejudge.org/) (402+), [LightOJ](https://lightoj.com/) (118+), [Beecrowd](https://www.beecrowd.com/) (315+), [SPOJ](https://icpc.bk21.com/) (37+), [HackerRank](https://www.hackerrank.com/) (20+) and [others](#).
- Ranked among top 16% in DIU Intra University Programming Contest 2021
- Ranked among top 2% in DIU Take off Programming Contest, Summer 2019
- Team Contests Ranks:
 - Top 38%, DIU_Resolvers, ICPC ASIA DHAKA REGIONAL 2021
 - Top 65%, DIU_Ternary, Cefalo CodeFiesta 2022: AUST IUPC
 - Top 53%, DIU_Ternary, RUET CSE FEST 2k22 IUPC.
 - Runner UP, DIU Inter-Section Programming Contest 2019

PROJECTS

Run++ — A Visual Studio Code Extension.

Developed a beginner-friendly and efficient tool for testing codes in C/C++, Python, Java. Published on the VS Marketplace with over 33000 installs.

<https://mdalbinhossain.github.io/Run>

Tasks — An Android app for to do list.

Developed an interactive task management app with Kotlin, Jetpack Compose, MVVM, Hilt and Room Database.

<https://mdalbinhossain.github.io/Tasks>

Clash-of-Cars — OpenGL C++ Car game.

Designed and developed a fun and interactive car racing game using OpenGL and C++. Implemented features such as collision detection, sound effects, score system, and game over screen.

mdalbinhossain.github.io/Clash-of-Cars

Albin's Profile — A personal website.

Developed a responsive and elegant website using HTML, CSS and JavaScript. Hosted the website with a custom domain name.

<https://www.albin.com.bd>

VOLUNTEER EXPERIENCE

Problem Setter and Judge — DIU ACM

Authored and tested 15+ challenging problems for several intra-varsity programming contests. Ensured the fairness and quality of the contests.

Judging Director — DIU ACM

Lead a judge panel, managed the problem set and judging system for programming contest with over 600 participants.

Trainer — DIU ACM

Conducted training sessions on data structures and algorithms for aspiring competitive programmers.