Siam Ahmed

Competitive Programmer

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Education

B. Sc. in Computer Science & Engineering
Daffodil International University
Apr 2019 – Jul 2023 | Dhaka, Bangladesh
- CGPA: **3.72** (on the scale of 4.00)

Problem Solving Profiles

- **3000+** problems solved in total across all online judges

- **Codeforces**, siamsplash5 ⬈ Max Rating: **1457**, **Specialist,** Solved: **1700+, 2nd** highest solve count holder at DIU

- **CodeChef**, siamsplash5 ⬈ Max Rating: **1933** (old), **1731** (new), **4 Star,** Solved: **130+**

- **UVA**, siamsplash.5 ⬈ Solved: **301**

- **LeetCode**, siamsplash5 ⬈ Solved: **200+**

- **Atcoder**, siamsplash5 ⬈ Solved: **155+**

- **LightOJ**, siamsplash52 ⬈ Solved: **105**

Skills

- **Programming Languages**
  - C/C++
  - JavaScript/Typescript
- **Libraries/Frameworks**
  - Node.js, Express.js, React.js, Tailwind CSS
- **Databases**
  - MongoDB
- **Miscellaneous**
  - Git & GitHub
  - Data Structure & Algorithms

Volunteering Experience

- **Problem Setter & Judge**
  - DIU Take-off Programming Contest, Fall 2022 ⬈ , Spring 2023 ⬈
- **Member, Mentor,** DIU ACM

Contest Profile

- **Contest Participation: 320+** (online and offline)
- **Individual**
  - **Rank 21**, DIU Intra University Programming Contest 2021 ⬈
  - **Rank 9** (top 0.03%), DIU Take-off Programming Contest, Fall 2019 ⬈
  - **Rank 9** (top 0.05%), DIU Inter-Section Programming Contest Fall 2019 ⬈
  - **Codeforces Best Rank**
    - **Rank 437** (top 1.98%), Codeforces Round 849 (Div. 4) ⬈
    - **Rank 933** (top 5.97%), Codeforces Round 780 (Div. 3) ⬈
  - **CodeChef Best Rank**
    - **Rank 153** (top 6.36%), **3rd** from Bangladesh, CodeChef June Cook-Off 2022 Division 2 ⬈
    - **Rank 355** (top 16.28%), CodeChef Starters 46 Division 2 ⬈
- **Team**
  - **Rank 52**, DIU_Ternary, RUET IUPC 2022 ⬈
  - Participated in ICPC Dhaka Regional, Preliminary 2020, 2021

Personal Projects

- **CodeTracker: A Virtual Judge** — **MERN, Tailwind CSS** Live ⬈
  - Integrate coding problems of **multiple online judges** & simulate users' submissions to the respective judges.
  - Supports **Codeforces**, **Timus**, **SPOJ** & **Atcoder**.
  - Users can host **contests** without testing data.
  - **Developed entire frontend and backend** with **2-step authentication** using **JWT**.
  - Developed problem statement **scrapping** and **submissions** API.

- **NoXcuse: A solve counter API for problem solver** — **Node.js Express.js, Typescript.** Link ⬈
  - Summarize the **total problems solved** on **different online judges** by a problem solver.
  - Currently supports **11** online judges.