# ISRAK AHMED

**Software Engineer**

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## EDUCATION

**Bachelor of Science in Computer Science and Engineering**

🏛 University of Rajshahi               ⚲ Rajshahi, Bangladesh
📅 Feb 2020 – Present
- CGPA: 2.98/4.00

## PROGRAMMING ACTIVITIES

- **International Collegiate Programming Contest (ICPC)**
  – ICPC ID: icpc.global/ICPCID/JQPJSXZIGG0P   ⌕
  – ICPC 2022 Asia Dhaka Regional Onsite Contest
    Rank: **139**th among **160** teams (TEC_XEUX)   ⌕
  – ICPC 2022 Asia Dhaka Regional Preliminary Contest
    Rank: **820**th among **1648** teams (TEC_XEUX)   ⌕

- **Code Samurai Inter–University Hackathon**
  – Code Samurai 2022: Ranked 178th position (TEC_Xeux Alpha)   ⌕

- **Online Contests & Problem Solving**
  – Solved approximately **500+** programming problems in various
    online judges - <u>Codeforces</u>, <u>LightOJ</u>, <u>beecrowd</u>, <u>UVa</u>, etc.
  – Participated in approximately **50+** online programming contests.
  – Codeforces max rating: **845, Newbie**. Handle: Israaaaak   ⌕

## POSITION OF RESPONSIBILITY

- **TEC Programming & Robotics Club, TEC**
  – President (Aug 2022 - Present): Organized programming
    contests and relative events and conducted programming
    workshops. Made announcements of various contests and
    relevant information regularly.

## OTHER INTERESTS

| Gaming | Football | Chess | Cricket |

## SKILLS

- **C, C++:** 3+ years of coding experience.
- **Java:** Used in coursework & 2 projects.
- **HTML, CSS, JavaScript:** Used in coursework & 1 project.
- **NodeJs, ExpressJs, MongoDB:** Used in coursework.
- **Linux:** 1.5+ years of user experience.

## PROJECTS

- **Result Checker**  ⌑
  This desktop application calculates the GPA of semesters based on the grades that a student achieved. This is only applicable for the students of the session 2019-20 of Rajshahi University or the students who have the same syllabus.
  **Tools:** Java, JavaSwing.

- **BMI Calculator**  ⌑
  This desktop application calculates BMI (Body mass index). BMI is a measure of body fat based on height and weight that applies to adult men and women. This application will also tell the user that how much weight that he/she needs to gain or loss.
  **Tools:** Java, JavaSwing.

- **CSE Online Classes**  ⌑
  This website was made in covid time for the online classes of 1.1 students (2019-20) of the department of CSE of TMSS Engineering College (Affiliated with Rajshahi University).
  **Tools:** HTML, CSS.

- **Line Following Robot**  ⌑
  This is a robot car, it can track black line on a white surface and also a white line on a black surface and follows that line.
  **Tools:** Arduino, L293D Motor Driver, IR Sensor, QTR 8A Sensor.

## LANGUAGES

| Bengali (native) | English (professional) |