

# 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

## PROGRAMMING ACTIVITIES

- International Collegiate Programming Contest (ICPC)**
  - ICPC ID: icpc.global/ICPCID/JQPJSXZIGG0P
  - ICPC 2022 Asia Dhaka Regional Onsite Contest  
Rank: **139<sup>th</sup>** among **160** teams (TEC\_XEUX)
  - ICPC 2022 Asia Dhaka Regional Preliminary Contest  
Rank: **820<sup>th</sup>** among **1648** teams (TEC\_XEUX)
- Code Samurai Inter-University Hackathon**
  - Code Samurai 2022: Ranked 178<sup>th</sup> position (TEC\_Xeux Alpha)
- Online Contests & Problem Solving**
  - Solved approximately **500+** programming problems in various online judges - [Codeforces](#), [LightOJ](#), [beecrowd](#), [UVA](#), etc.
  - Participated in approximately **50+** online programming contests.
  - Codeforces max rating: **845, Newbie**. Handle: **Israaaaaak**

## 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)