

SUMAIYA AKTER

COMPUTER SCIENCE & ENGINEERING STUDENT

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SUMMARY

I am a third-year undergraduate student with proven leadership experience and diverse technical skills in software development, hardware design, and system architecture. I lead teams, mentor peers, and excel in both academic and extracurricular technical challenges.

EDUCATIONAL BACKGROUND

Bachelor of Science in Computer Science and Engineering

January 2023 - Present

Khulna University of Engineering and Technology

CGPA : 3.52 (current)

Higher Secondary Certificate (2021)

Holy Cross College

GPA - 5.00

Secondary School Certificate (2019)

Holy Cross Girls High School

GPA - 5.00

TECHNICAL SKILLS

Programming Languages :

- Assembly, C, C++, Java
- Web Technologies: HTML, CSS
- Database Management: MySQL

Development Tools :

- IDEs: Android Studio, IntelliJ IDEA, Atom, CodeBlocks, Visual Studio Code, Arduino IDE
- Assembly Programming: EMU8086
- UI Development: JavaFX, SceneBuilder, Lunacy
- Version Control: GitHub

Design & Creative Tools :

- CAD Software: SolidWorks, AutoCAD
- Circuit Simulation: Logisim
- Graphic Design: Canva

Productivity Tools :

- Microsoft Office Suite

LEADERSHIP & PROFESSIONAL EXPERIENCE

• General Member, KRS (KUET Research Society)

December 2024 - Present

- Organized club activities and volunteered in club events

• Batch Representative, HACK (Hardware Acceleration Club of KUET)

August 2024 - Present

- Led a team of 3 members in a department event and won the "Best Innovative Project Idea" title
- Participated in club workshops and mentored junior students in club activities

• Assistant General Secretary, HCCAK (Holy Cross College Association of KUET)

May 2024 - Present

- Organized annual programs and volunteered in university admission fairs

- **Campus Ambassador**

Brilliant Resources - IGNITE TALENT Event | 18 August 2020 - 31 August 2020

- Engaged with diverse student communities, managed social media outreach and campus engagement activities

- **Campus Ambassador**

Creatrix Official - Lens of Light Photography Competition | 19 August 2020 - 2 September 2020

- Facilitated communication between organizers and participants, coordinated student participation for open photography competition
- Awarded Best Campus Ambassador Certificate for engaging 100+ participants

- **Substitute Teaching Experience**

- Occasionally take classes as a substitute teacher at Holy Cross Girls High School

PROJECTS

- C++ console application for Event Management
- C++ console application development using Numerical Methods like Runge-Kutta, Gauss elimination etc.
- Java Application for mental health related help
- Hardware Project: Safe Drive Guardian - An Implementation of Alcohol Detector for vehicles
- Circuit Project: Digital Clock Design with Logic Gates and Flip-Flops using Logisim, 23-bit CPU design in RISC architecture using Logisim

ADDITIONAL QUALIFICATIONS

Languages: Bengali (Native), English

Extracurricular Activities:

- Attended the co-design session on “Data Science & Analytics” hosted by SheSTEM in collaboration with the KUET Business and Entrepreneurship Club (KBEC) in September 2024
- Participated in the Code Generation with LLMs workshop organised by Styava
- Participated in the Intra KUET Programming Contest of 2023
- Participated in the International Climate Science Olympiad in the qualification round of 2021
- Achieved 3rd place in the IQ QUIZ segment of Aristocrats Mega Fiesta 2021 organised by The Artist Club (An online creative platform)
- Participated in the International Youth Math Challenge in the qualification round of 2020