



# Fahim Sadik

CSE Engineer

University of Liberal Arts Bangladesh (ULAB)

Department: Computer Science and Engineering

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LinkedIn

Github

itch.io

X

Video CV

Portfolio

FaceBook

Instagram

## Objective

Computer Science graduate with hands-on experience in IoT development, game development, and computer networking through academic projects and self-driven initiatives. Passionate about building practical, real-world solutions and continuously expanding technical expertise. Seeking an internship or entry-level role in Game development, IoT development or the network industries to contribute to a forward-thinking team and grow within the tech industry.

## SKILLS

- |                 |              |          |
|-----------------|--------------|----------|
| • Cisco         | • Proteous   | • C      |
| • Arduino IDE   | • Adobe      | • C++    |
| • VS code       | • MS office  | • C#     |
| • Unity         | • Sketchup   | • Mysql  |
| • Unreal Engine | • Schematics | • HTML   |
|                 |              | • Python |

## Interpersonal skills

- Communication
- Team Leadership
- Presentation
- Time Management

## FIELD OF INTEREST

- IoT Development
- Game Development
- IT & Network
- Research & Development

## PROJECTS

### Self-Funded Projects

#### 2D Game - Flappy Bird Clone

Flappy Clone is a Flappy Bird replica developed to practice core game development concepts. Built using both Unity, the project focuses on 2D physics, collision handling, UI design, and cross-platform game logic. It served as a hands-on learning experience in engine workflows and scripting.

Github Link: <https://github.com/fahimsadik/Flappy-Bird>

Itch.io Link: <https://fahim-sadik.itch.io/flappy-bird-clone>

#### PCMEDI - Macro Controller for PC

A self-funded dual-Arduino macro system for automating PC tasks via gesture-based and tactile inputs. An Arduino Pro Micro handles HID functions, while an Uno manages sensors and joysticks. Display, serial communication and ensures smooth and real-time control.

Link: <https://github.com/fahimsadik/PCMEDI>

### IoT Projects

A collection of beginner and Advanced-level IoT projects that I have personally designed and tested. Each project focuses on simple automation, sensor data collection along with cloud integration, real-time data monitoring, Device Automation, and multi-device communication

Basic IoT Projects Link: <https://github.com/fahimsadik/Basic-IoT>

Advanced IoT Projects Link: [https://github.com/fahimsadik/Advance\\_IoT](https://github.com/fahimsadik/Advance_IoT)

### Arduino Projects

A collection of basic Arduino codes and projects personally developed and tested Like: Arduino 7 Segment Clock, Arduino Keypad RFID Access Control, Arduino Keypad RFID Servo Lock, PIR Motion Sensor Utility. Link: <https://github.com/fahimsadik/Basic-Arduino>

## University-Oriented Projects

### Gaming Addiction Statistical Analysis

A data analysis project using Python's scientific stack to perform a comprehensive statistical study on how gaming addiction impacts university students' health and academic performance.

Link:

<https://github.com/fahimsadik/Gaming-Addiction-Statistical-Analysis>

## LANGUAGE FLUENCY

- English
- Bangla
- Hindi

## References

**Prof. Muhammad Golam Kibria,**  
**PhD, SMIEEE**

Professor & Department Head

Department of Computer Science and  
Engineering (CSE)

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BRB Hospital Limited.

### Gaming Addiction Predictor

A machine learning application developed in Python that uses Support Vector Classification (SVC) to predict a person's risk of gaming addiction and its correlation with mental/physical health.

Link: [https://github.com/fahimsadik/Game\\_Addiction\\_predictor](https://github.com/fahimsadik/Game_Addiction_predictor)

### Console-Based-Shopping-App-Using-C

A simple command-line shopping program built in C. It features a menu-driven interface for browsing products, managing item quantities, and generating a final receipt with discount and tax calculations.

Link: <https://github.com/fahimsadik/Console-Based-Shopping-App-Using-C>

### Console-Shop-Management-CPP

A more advanced C++ console application for a multi-user shop. It features separate roles for customers, sellers, and admins, and uses file I/O for persistent storage of products, users, and sales data.

Link: <https://github.com/fahimsadik/Console-Shop-Management-CPP>

## JOB EXPERIENCE

### 3D Graphics Designer (2018 to 2020)

#### Intvill Limited

Worked as the Lead 3D Designer at Intvill, responsible for creating high-quality 3D models optimized for 3D printing. Collaborated closely with clients to understand their requirements, provide design solutions, and ensure satisfaction from concept to final output.

Managed end-to-end design workflows and maintained effective communication throughout project cycles.

## VOLUNTEER EXPERIENCE

### Organizing Secretary (October, 2022-May, 2023),

#### ULAB Computer Programming Club (UCPC)

Actively contributed to UCPC (ULAB Computer Programming Club) by managing events such as Dawat-E-Iftar and the Take Off Programming Contest, organizing Spring 2022 CSE freshers' orientation, and supporting various tasks assigned by the President.

## AWARDS

### 1<sup>st</sup> Runner's Up at Poster Presentation

Was awarded 2nd Place in the poster presentation for our final capstone project. The presentation took place at the CSE Fest 2025 at ULAB, an event hosted by the Computer Science and Engineering Department of ULAB.

## Education

### Bachelor of Science | 2021 - Present (Internship Period)

Computer Science and Engineering,

University of Liberal Arts Bangladesh (ULAB), Beribadh, Mohammadpur, Dhaka.

CGPA- 3.44 ( Till Spring 2025 )

### H.S.C | 2020-(Science)

Birshrestha Noor Mohammad Public College, Pilkhana, Dhaka.

G.P.A- 5.00

### S.S.C | 2018-(Science)

Birshrestha Noor Mohammad Public College, Pilkhana, Dhaka.

G.P.A- 5.00