

Pronoy Sarker Amit

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Summary

I am a final-year university student with a strong academic background and experience in project-based learning. My studies include Computer Science with coursework in Software Engineering and Information Systems & Design. I have participated in development-oriented projects, gaining exposure to web technologies, Android applications, and collaborative work environments. My academic and research interests focus on Artificial Intelligence and Machine Learning, particularly Natural Language Processing with an emphasis on fake news related analysis. Alongside my studies, I have been actively involved in university clubs and mentorship roles since February 2024, which have strengthened my teamwork, coordination, and organizational skills. I am eager to learn, take responsibility, and gain practical experience while contributing effectively to diverse projects and professional environments.

Experience

Student Mentor

Feb 2024 – Present

Green University Student Mentorship Program (GUSMP), Dept. of CSE, GUB

- Support junior students academically, socially, and motivationally.
- Assist newcomers in adapting to university life and developing proper study habits.

Joint Secretary, IEEE Computer Society SB Chapter, GUB

May 2025 – Present

Assist in planning technical events, workshops, outreach, and student activities.

Former Outreach Secretary, GUCC & Virtual Gaming Society (VGS)

Sep 2024 – Sep 10, 2025

Worked on event promotion, communication, and community-building.

Former Associate Cultural Secretary, Notre Dame Natya Dal

Sep 11, 2019 – Nov 30, 2020

Managed cultural activities, event organization, and stage coordination.

Former Joint Secretary, Scintilla Science Club, SJHSS

Mar 1, 2017 – Feb 2018

Organized school science fairs, exhibitions, and club operations.

Education

B.Sc. in Computer Science & Engineering

Green University of Bangladesh

8th Semester Completed

CGPA: 3.70 / 4.00

Higher Secondary School Certificate (HSC)

Notre Dame College, Dhaka

2020 GPA: 5.00

Secondary School Certificate(SSC)

St. Joseph Higher Secondary School

2018 GPA: 5.00

Awards, Achievements & Certificates

Awards & Achievements

- Vice Chancellor's Award — **1 time**
- Dean's Award — **1 time**

Certificates

- 5 Day AI/ML/IoT Bootcamp — Bondstein

Projects

Conflict-Free Class Scheduler

AI Lab Project

Designed and implemented an automated scheduling system that assigns time slots, rooms, and teachers without conflicts. Uses a backtracking approach similar to the N-Queen logic to ensure no overlaps occur across classes. Includes a user-friendly Tkinter GUI and supports schedule generation from CSV files. **Tools:** Python 3.11, Tkinter, CSV module, collections

Early Stroke Risk Detection Using Machine Learning

Machine Learning Lab Project

A team-based academic project where we reviewed five research papers on stroke prediction and selected one model to study in depth. We analyzed the methodology, preprocessing steps, feature selection, and machine learning pipeline, then attempted to implement the key components of the chosen model. This work strengthened skills in research interpretation, dataset handling, and practical ML experimentation.

GUVGS Website

Web Programming Lab Project

Developed a full website for the Green University Virtual Gaming Society (VGS), featuring homepage, events listing, committee page, gallery, and a PHP-based contact form. Designed to serve as an engagement hub for the university's gaming community.

Quiz Application with Socket Programming

Computer Networking Lab Project

Built a real-time quiz system using Java socket programming with a GUI client interface. Supports multiple concurrent clients, real-time score feedback, and server-managed quiz sessions.

TrackNManage App

OOP Lab Project

Android app built for student fare and route management. Admins can add students, update fares, and track total cost. Students can view routes, buy tickets, and manage passwords. Designed with separate dashboards for Admin and Student users.

Technical Skills

Programming: C, C++, Java, Python

Technologies: AutoCAD, Android Studio, SQLite, PHP, HTML, CSS, Canva

Office Tools: Microsoft Office

Languages

Bangla	Native
English	Professional Proficiency

References

Dr. Md. Ahsan Habib

Professor and Chairperson

Dept. of CSE, GUB

Director, Center of Continuing Education, GUB

Immediate Past Chair, IEEE CS BDC
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