SHIHAB SARAR

Dhaka,Bangladesh

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EDUCATION

Presidency University Bangladesh   **01 2022 – 12 2025**
Computer Science and Engineering   ***Dhaka, Bangladesh***
CGPA: 3.52

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Network Security
- Database Management System (DBMS)
- OOPS Concept
- Machine Learning

PROJECTS

Movie-Recommendation-System | Using Collaborative Filtering to Recommend Movies.   **06 2023**
- Developed a personalized movie recommendation system using machine learning algorithms to suggest films based on user preferences and viewing history.

Library-System-Managment | Developing a system to manage library resources efficiently.   **07 2023**
- Developed a system that allows efficient management of library resources, including borrowing and returning books.

Book-Recommender-System-with-website | Recommend Book on user preferences   **09 2024**
- Built a personalized book recommendation system leveraging machine learning to suggest titles based on user interests and reading behavior.

Falcon AI - Real-Time Border Threat Detection | Detects Person/Fence - infers push-in/out   **08 2025**
- Built a CV system that detects person/fence and infers push-in/push-out, triggering Twilio/WhatsApp alerts. (YOLOv11, ByteTrack, OpenCV, Python)

TECHNICAL SKILLS

Languages: Python, C, C++, SQL, C Sharp
Developer Tools: VS Code, Visual Studio, Kaggle, Pycharm, Jupyter Notebook
Technologies/Frameworks: Windows, GitHub

SOFT SKILLS

Problem-solving abilities
Communication and teamwork skills
Participated in hackathons and coding competitions
Leadership
hyperref

AWARDS

Blockchain Olympiad Bangladesh Honorable Mention for AI Category

ICPC Asia Dhaka Regionalist-2023

Winner at the Presidency Intra-University Programming Contest Season-2

2nd Runners-up of Presidency University AI Contest

1st Runner-Up in the Presidency Intra-University Programming Contest Season-1

CERTIFICATIONS

- **ICPC Asia Dhaka Regionalist**
- **Blockchain Olympiad Bangladesh**
- **Understanding Machine Learning**

- Participant
- Honorable Mention
- Machine Learning

- ACM ICPC
- Nominated for International Data Science Olympiad
- DataCamp