

# Sarowar Alam Minhaj

Computer Science and Engineering Undergraduate

## CONTACT

☎ +880 1874 116935

✉ sarwar76200@gmail.com

📍 Shantinagar, Dhaka

🌐 <https://linkedin.com/in/sarwar76200>

🐙 <https://github.com/sarwar76200>

🏆 [https://codeforces.com/profile/sarwar\\_](https://codeforces.com/profile/sarwar_)

🏆 [https://atcoder.jp/users/sarwar\\_](https://atcoder.jp/users/sarwar_)

## EDUCATION

### NORTH SOUTH UNIVERSITY

B.Sc in CSE | 2020 - 2025  
CGPA: 3.11 out of 4.00

### UDAYAN HIGHER SECONDARY SCHOOL

HSC | 2019  
GPA: 4.75 out of 5.00

### K.L. JUBILEE SCHOOL & COLLEGE

SSC | 2017  
GPA: 5.00 out of 5.00

## TECHNICAL SKILLS

### PROGRAMMING LANGUAGES

C, C++, Java, Python, PHP, JavaScript, TypeScript

### FRONTEND FRAMEWORKS

React.js, Next.js, Svelte.js, Redux, Zustand, Vite, TailwindCSS, Qt

### BACKEND FRAMEWORKS

Express.js, Flask

### DATABASES

Firebase, MongoDB, Mongoose, MySQL, Redis

### APIS AND PROTOCOLS

REST, GraphQL, WebSockets

### DATA SCIENCE AND ML

PyTorch, NumPy, Pandas, scikit-learn

### OTHER

Linux, Shell scripting, Git

## PROJECTS

### ExamEase ↗ Exam Proctoring and Evaluation System

Node.js, Express.js, Flask, REST API, React.js, TailwindCSS, MongoDB, Mongoose, Face Recognition, Speech-to-Text (Whisper, OpenAI), Large Language Model (BERT, Google)  
<https://bitbucket.org/my-university-projects/cse327-exam-ease/src/sarwar/>

### PWS ↗ Prescription Generation and Management

PHP, MySQL, Bootstrap, jQuery, AJAX, GLeDitor  
A web applicaion that generates medical prescription from given input and manages CRUD operations through Database Management System  
<https://github.com/sarwar76200/PWS/>

### AntiPhish ↗ Phishing website detection tool

Pandas, scikit-learn, Matplotlib, Seaborn, React, TailwindCSS  
A web applicaion where users can check the legitimacy of a website  
<https://github.com/sarwar76200/AntiPhish/>

### EVM STM32 ↗ Electronic Voting Machine

STM32 Blue Pill, Embedded C Programming  
Electronic Voing Machine (EVM) for STM32 System  
<https://github.com/sarwar76200/STM32-EVM/>

### BondhuBot ↗ Depression analysis chatbot

PyTorch, Numpy, Natural language processing (NLP), React, tRPC, MongoDB, TailwindCSS  
A web based chatbot capable of doing sentiment analysis and detecting depression level throgh natural conversation  
<https://github.com/withtahmid/cse499/>

## EXTRTACURRICULAR

### COMPETITIVE PROGRAMMING

- Became **1st Runner-Up** in Intra NSU Programming Contest 2023
- Participated in **2023 ICPC Asia West Continent Final**
- Participated in 2021, 2022, 2023 and 2024 **ICPC Asia Dhaka Regional**
- Participated in various Inter-University Programming Contests
- Specialist in CodeForces, Green in AtCoder, solved around 2000 problems on different online judges

### NSU PROBLEM SOLVERS | Sport Programmer

2020 - Present

- Judge and Problem Setter in Intra NSU Junior Programming Contest Summer 2023
- Successfully arranged Intra NSU programming contests and multiple Data Structure and Algorithms Bootcamp for juniors