

MD SHAMIM AHMED

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Education

American International University-Bangladesh

Bachelor of Science in Computer Science and Engineering

CGPA : 3.96 / 4.00

Sep. 2020 – June 2024

Dhaka, Bangladesh

Competitive Programming Achievements

- **ICPC — International Collegiate Programming Contest**
 - ICPC Asia Dhaka Regional Contest 2023
 - Ranked 88 out of 223 teams
 - Team Name: AIUB_Ceiling0.3
- **NCPC — National Collegiate Programming Contest**
 - Ranked 55 out of 196 teams
 - Team Name: AIUB_Ceiling0.3
- **IUPC — Inter University Programming Contest**
 - SUST CSE Carnival 2024
 - Ranked 72 out of 120 teams
 - Team Name: AIUB_Ceiling0.3
- **IUPC — Intra University Programming Contest**
 - AIUB CS Fest 2024 — Ranked 2
 - AIUB Programming Contest 2024 — Ranked 6
- **Other Problem Solving Achievements**
 - Solved 2000+ programming problems
 - Specialist at Codeforces — Max 1452
 - 3 ★ at Codechef — Max 1650

Projects

Sales and Marketing Tool | *NestJS, NextJS, PostgreSQL*

- Created Task Management, Feedback Management and Recipient Management of this project.
- Have coded both in Frontend and Backend.
- Implemented real time data fetching from database whenever there is an update without loading.

Online Book Shop | *Java, NextJS, MySQL*

- Implemented basic CRUD functionality.
- Created REST-API using Java servlet.
- Used NextJS to implement front-end part.

Super Shop Management System | *C#, Oracle Database*

- Designed GUI using Windows Forms.
- Implemented object-oriented programming practices.
- Used Oracle as database.

Research Experience

Melanoma Skin Cancer Classification Using DeepMelaNet

- 93.40% of accuracy achieved.
- Used custom model named DeepMelaNet: An enhanced EfficientNetV2L deep learning model.

Technical Skills

Languages: Sound knowledge in C++ and overall knowledge in Python, Java, C#, JavaScript, PHP and SQL.

Technologies/Frameworks: Overall knowledge in NestJS, NextJS, Supabase, Wordpress and Github.

Leadership / Extracurricular

AIUB Competitive Programmers' Community

Senior Member

- Actively participated in nearly every contest organized by ACPC since joining.
- Conducted sessions on Data Structures and Algorithms for juniors, helping them build a strong foundation.
- Organized competitive programming contests, carefully crafting problems to push the limits of problem-solving.