MD MAHMUDUR RAHMAN

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in MD MAHMUDUR RAHMAN ⦿ Abirrahman2

CAREER OBJECTIVE

A hardworking and ambitious final-year Computer Science and Engineering student with experience in competitive programming, backend development, and machine learning research, seeking a software developer role to apply problem-solving skills and technical expertise.

EDUCATIONAL QUALIFICATION

- Bachelor of Science in Computer Science and Engineering, American International University-Bangladesh, CGPA: 3.98/4.0
- Higher Secondary Certificate in Science, Dhaka City College, GPA: 5.0/5.0
- Secondary School Certificate in Science, Barnamala Adarsha High School And College, GPA: 5.0/5.0

ACADEMIC ACHIEVEMENTS

- Received DEAN'S LIST HONORS (Spring 2022-2023, Fall 2022-2023).
- Received Government Scholarship for the Higher Secondary Certificate in 2019 (General Category).

COMPETITIVE PROGRAMMING

- Codeforces: Abir Hamza ↗
- Leetcode: ABIR RAHMAN ↗
- CSES: ABIR RAHMAN ↗
- PARTICIPATED AT ICPC ASIA DHAKA REGIONAL CONTEST 2024 ONSITE ROUND HOSTED BY DIU. Aiub_BruteForcers(RANK-224) ↗
- PARTICIPATED AT MIAKI PRESENTS KUET IUPC ONSITE 2025. AIUB_DIREWOLFES(RANK-112) ↗
- CS FEST AIUB, PROGRAMMING CONTEST SENIOR DIVISION. MD MAHMUDUR RAHMAN(RANK-11) ↗

SKILLS

- Languages: C++, JAVA, C#, R, PYTHON, PHP, HTML, CSS
- Framework: NestJS

RESEARCH WORK

Machine Learning Models for Reliable Thyroid Cancer Recurrence Prediction: A Comparative Analysis(PAPER ID-2024040015) Conference: 4th International Conference on Trends in Electronics and Health Informatics

ADDITIONAL CERTIFICATION

- ICPC ID- MD MAHMUDUR RAHMAN ↗

PROJECTS

- Developed an E-commerce Website using PHP,JAVASCRIPT,HTML,CSS. Github Link ↗
  -Built a dynamic e-commerce website with functionalities for product browsing, cart management, and order processing for users. Fronted was implemented by HTML, CSS, JAVASCRIPT, and with PHP for backend development.
- Developed an Inventory Management System Using C# Github Link ↗
  -The Metro Framework was used for an enhanced user experience. Used Microsoft SQL Server for data storage and management.
- Developed a Bus Management System Using JAVA Github Link ↗
  -Implemented a simple Java-based system where customers can book buses, view schedules, check bus routes, handle payments.
- Developed Computer Graphics Project Using openGL Github Link ↗
  -Created an OpenGL project that showcases both rural and urban landscapes.
- Designed a Database for Car Shop Management System Github Link ↗
  -Designed a database to manage owner, car, cashier, seller, customer, payment and order information, ensuring efficient handling of transactions and business operations.
- Developed a Face Recognition System Using Convolutional Neural Network. Github Link ↗
  -The model consists of three convolutional layers,pooling layers, and fully connected dense layers. For activation function,ReLU was used. To reduce overfitting, L2 regularization and Dropout techniques were applied.
- Developed an U-net architecture for Image Segmentation of Urban Buildings with CBAM Attention Module. Github Link ↗