

MD MAHMUDUR RAHMAN

📍 Nurpur-1 No. Road, Dania, Dhaka-1236 ✉ abirhamza295@gmail.com

☎ 01971318359 in MD MAHMUDUR RAHMAN 🌐 Abirrahman2



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](#) 📄
- 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. Frontend 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](#) 📄