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EXPERIENCE

North South University, Dhaka, Bangladesh — *Research Assistant*

JULY 2023 - PRESENT

- Currently working under Associate Professor Dr. Mohammad Monir Uddin. My field of research is Medical Imaging using Deep Learning.

IEEE NSU Student Branch — *Core Volunteer in Website Development Team*

OCTOBER 2023 - PRESENT

- Currently working as a full-stack developer.

EDUCATION

North South University, Dhaka, Bangladesh — *Bachelor of Science in Computer Science and Engineering*
JUNE 2021 - PRESENT

CGPA: 3.35 out of 4.00

Relevant Coursework: Object-Oriented Programming, Data Structures, Computer Architecture, Database.

Ideal College, Dhanmondi, Dhaka, Bangladesh — *Higher Secondary School Certificate*
2018 - 2020

GPA: 4.75 out of 5.00

Motijheel Model School And College, Dhaka, Bangladesh — *Secondary School Certificate*
2016 - 2018

GPA: 4.39 out of 5.00

SKILLS

Proficient Knowledge: Data Structures, Algorithms, common problem-solving techniques, Software Design Patterns and Principles, Neural Networks, Computer Vision.

Programming Language and technologies: HTML, CSS, JavaScript, Python, PyTorch, Tensorflow, Git/GitHub, MySQL.

Frameworks: ReactJs, Django.

Soft Skills: Communication, Adaptability, Teamwork, Leadership, Attention to Detail, Professionalism.

PROJECTS

- **IEEE NSU Student Branch ([link](#)):**

  Led front-end development for the IEEE NSU Student Branch website, enhancing UI/UX through HTML, CSS, and JavaScript proficiency. Collaborated in a multidisciplinary team, demonstrating leadership by guiding junior developers and coordinating tasks. Implemented innovative solutions for improved functionality, creating a dynamic online platform for the IEEE NSU Student Branch community.

Competition

- **Sussex Locomotion Challenge:**

  In this competition, we had to analyze human activity by deep learning where we got an accuracy of 64% using the CNN framework.

- **NSU ACM Hackathon:**

  In this competition, we made an Android app to detect bus fares based on locations.

AWARDS AND ACHIEVEMENTS

ICPC (https://icpc.global/ICPCID/38YXS1MZFLYL)

- Ranked 752nd at ICPC Dhaka Regional Preliminary Contest, 2022 (out of ~1648 teams).
- Ranked 811th at ICPC Dhaka Regional Preliminary Contest, 2021 (out of ~1747 teams).

Online Coding Competitions

- **Codeforces** Rating: 997 (max)
- **CodeChef** Rating: 1112 (max)
- Solved more than **500** problems on various online judges.