

TANVIR HASAN EMON

@ memon181077@bscse.uiu.ac.bd in linkedin.com/in/tanvir-hasan-emon/
github.com/tanvir0908 +8801739984485



SKILLS

- HTML | CSS | Bootstrap
- JavaScript | JQuery
- ReactJS
- Java | Python
- Git | GitHub
- ML Tools and Algorithms
- Microsoft Office

EXPERIENCE

MIS Support Engineer Intern

The Department of Women's Affairs under the World Food Program's (WFP) supervision.

November 2022 - Present Dhaka, Bangladesh

Responsibilities :

- Provide support and maintenance to the existing Management Information Systems (MIS).
- Develop MIS documentation to allow for user-friendly operations and easy system maintenance.
- Manual management and training materials development for current systems.
- Testing VWB, NID verification, and MCBP applications to ensure a user-friendly environment.
- Manage the Integrated Budget and Accounting Systems (IBAS++) for payroll.

EDUCATION

Bachelor of Science in Computer Science and Engineering

United International University

2018 - 2022 Dhaka, Bangladesh

- Grade: CGPA 3.06 out of 4.00

Higher Secondary School Certificate

Quadirabad Cantonment Sapper Collage

2015 - 2017 Natore, Rajshahi

- Grade: GPA 5.00 out of 5.00
- Group: Science

Secondary School Certificate

Natore Sugar Mill's High School

2013 - 2015 Natore, Rajshahi

- Grade: GPA 5.00 out of 5.00
- Group: Science

COURSEWORK

- Structured Programming Language
- Data Structure and Algorithms
- Object Oriented Programming
- Software Engineering
- Database Management System

ACHIEVEMENTS

- Certificate from Meta for completing React Basics.
- Certificate from Meta for completing Programming with JavaScript.

ONGOING COURSES

- Meta Front-End Developer Professional Certificate.
- Udemy The Complete 2023 Web Development Bootcamp by Dr. Angela Yu.

PROJECTS

Thesis on Development of an Automated Class Schedule Allocation Method

- This system can provide optimal schedule from taken courses and sections and save students valuable time and effort. This automated system is applicable for all open credit course taking system universities.
- For this project, we build our own algorithm and took some key concepts from Genetic Algorithm and we used Python as programming language.

Transfer Learning For Bangladeshi Vehicle Classification System

- This is a Machine Learning based project where I used different variations of Transfer Learning Models like VGG16, ResNet152V2, DenseNet201, and EfficientNetB7 in a large dataset called ParibahanBD.
- Here I used Python for implementation and tried to compare the results of each models to find out which model performs best for detecting Bangladeshi vehicles.

Media Player

- This is a Java based project where I build a media player using Java and JavaFX GUI.
- This player has some interactive features like select, play, pause, forward, backward, volume adjustment etc. It can play both audio and video files.