FAYSAL MIAH

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 Github | 🔗 LinkedIn | 🅺 Kaggle | Ⓜ Medium

CAREER OBJECTIVE

I want to establish myself as an executive and develop my expert abilities in a serious and dynamic working environment to improve my interpersonal skills and seek a challenging career for upgrading my encounters, information, and relational abilities for the development of my organization.

EDUCATION

North South University, Bangladesh   **2017 - 2022**
Bachelor of Science in Computer Science

Narsingdi Govt. College, Narsingdi, Bangladesh   **2013 - 2015**
Higher Secondary Certificate

Alijan J.M Academy, Narsingdi, Bangladesh   **2008 - 2013**
Secondary School Certificate

ACADEMIC THESIS

Semi-autonomous Wheelchair with Real-Time Object Detection
| *YOLOv7, RaspberryPi, Arduino, Proteus, RobotCar, Supervised Learning, Python*

- Develop a semi-autonomous wheelchair system that can detect real-time objects using a webcam.
- *Arduino* based wheelchair control with hand gesture, and simulated with *Proteus.*
- *YOLOv7* for object detection and integrated with *RaspberryPi.*

ACADEMIC PROJECTS

Potato Disease | *AI, ML, DL, Tensorflow, Python*

A machine learning system that can detect if there are early blight and late blight diseases in potato plants. The goal of this project is to accurately identify those diseases so that farmers can take step

Patient's Condition Classification Using Drug Reviews | *AI, ML, NLP, Python*

We build a system by using both *machine learning* and *Natural Language Processing* that can identify the disease with the help of patient's condition review.

Earthquak Detection | *Microprocessor, Arduino, Vibration Sensor, Proteus*

Build a microprocessor system by using *Arduino*, *Vibration Sensor*, and *Proteus* that can detect vibration it helps to identify the earthquake.

WEB DEVELOPMENT PROJECTS

Frontend Projects | *HTML, CSS, Bootstrap JS, React*

Here I completed some Frontend projects by using HTML, CSS, JavaScript, React.

Backend Projects | *Python, Django, HTML, Bootstrap*

Here I completed some backend projects by using Python, Django Framework, and Rest API.

TECHNICAL SKILLS

Languages: Python, JavaScript, C, Latex
Web: HTML, CSS, Bootstrap, React, Django
Database: SQLite, PostgreSQL
OS: Linux, Windows
Software and Tools: Github, VS Code, Google Colab, Kaggle Notebook, Jupyter Notebook
Machine Learning Library: Pytorch, Tensorflow, Scikit-learn, Pandas, NumPy, Matplotlib
AI: ML, DL, NLP (ChatGPT, LLM, AI Chatbot)

HONOURS AND AWARDS

- Honorary Mention at NSU Project Showcase Fall 22 for 'Semi-autonomous Wheelchair with Real-Time Object Detection' for a senior project at the university.

INTERESTS

- Web Development
- Software Engineer
- Deep Learning
- Machine Learning
- NLP
- MLOps

TRAINING AND INTERN

Trainee Machine Learning Engineer at **Nogor Solution Limited.**

I am currently working as a Trainee Machine Learning Engineer at Nogor Solution Limited. I am participating in a 3-month Government training program offered by **Bangladesh Computer Council (BCC)**, **Enhancing Digital Government and Economy (EDGE)**, and, **Institute of Information Technology (IIT), Dhaka University**. The main aim of this project is to promote human empowerment in the AI sector in Bangladesh.

Nogor Solution Limited is organizing this training program.

REFERENCE

1. Professor Dr. Md. Sazzad Hossain
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