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 Github
| *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* Github

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* Github

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* Github

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

TECHNICAL SKILLS

Languages: Python, JavaScript, C, Latex
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)
Database: SQLite, PostgreSQL
Web: HTML, CSS, Bootstrap, React, Django
OS: Linux, Windows

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

- Machine Learning
- Deep Learning
- Data Analysis
- NLP
- Large Language Models
- IOT

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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