

Md. Mottasin Lemon

✉ mlemon171082@bscse.uiu.ac.bd | ☎ +8801780976220

in lmottasin | 🌐 lmottasin

📍 Dhaka, Bangladesh



EDUCATION

- **B.Sc. in Computer Science Engineering, CGPA: 3.80/4.00**
United International University
United City, Madani Avenue, Badda, Dhaka 1212, Bangladesh
August, 2021
- **Higher Secondary Certificate (HSC), GPA: 5.00/5.00**
BAF Shaheen College, Tejgaon
Board of Intermediate and Secondary Education, Dhaka
Science-2016
- **Secondary School Certificate (SSC), GPA: 5.00/5.00**
Joypurhat R. B. Govt. High School, Joypurhat
Board of Intermediate and Secondary Education, Rajshahi
Science-2014
- **Junior School Certificate (JSC), GPA: 5.00/5.00**
Joypurhat R. B. Govt. High School, Joypurhat
Board of Intermediate and Secondary Education, Rajshahi
2011

PROJECTS

- **Ensemble Learning with Exploratory Data Analysis for Predicting Covid-19 Epidemic Trends**
Proposed ensemble method for 'Time series prediction' of COVID-19 cases. Splitted 23,000 samples of data to 70/30 ratio. And achieved very lower number on RMSE, MAPE, R^2 .
Python 3, Numpy, Seaborn, Matplotlib, Plotly, Dataframe, Skitlearn, Statmodel
- **Online Pharmacy**
An E-commerce platform for selling medicine by uploading prescription and health related products. Also with a statistical Admin panel, online Chat.
PHP, Javascript, HTML, CSS, BOOTSTAP, MYSQL, XAMPP
- **BookShare**
Designed and developed a platform for sharing books with others
PHP, HTML, CSS, MYSQL, XAMPP
- **Line Follower Robot**
A vehicle that can follow any type of line precisely.
Arduino, C, IR Sensor
- **Smart Home**
Automatic light and air conditioned home with the help of sensors and actuators.
Arduino, C, Light intensity Sensor, Temperature and Humidity Sensor

- **Employee Management System**
A simple project for managing the employee information such as add, delete, update, find avg. salary, find max salary etc..
<https://github.com/lmottasin/C-Projects/tree/main/Employee%20Management%20System>
C, Objects, Strings
- **Biometric Attendance System (Iot Device)**
Developed an Iot device for taking attendance by biometric verification (Fingerprint)
NodeMCU, C, Fingerprint Reader Sensor, Wifi Module.
- **Restaurant Management System**
Designed and developed a GUI based application for taking restaurant order and managing the order form admin side.
Java, Swing GUI.
- **Meal Management System**
Designed and developed a GUI based application for managing meal system in mess life.
Java, Swing GUI.
- **Neural Network on Keras for Multiclass Classification**
Classified 7 classes through 58000 instances and achieved 99% on validation set. Dataset distribution was 60/40.
CNN, keras, Tensorflow, Python 3, Dataframe, Numpy

SKILLS

- **Technologies**
Python, Java, PHP, C/C++, HTML, CSS, Javascript, Tensorflow, Skitlearn, Unix command, Arduino, NodeMCU.
- **Patterns & Practices**
Object Oriented Programming, Functional Programming, Software Development, Web development.
- **Project Management**
Git, Clickup, Wrike.

OTHER HIGHLIGHTS

- Contributed on open source real life AI solution based project *AI for road safety in Bangladesh* at Omdena .

AWARDS & RECOGNITION

- **University Scholarship**
1 time 50% waiver based on HSC result, 2 times 100% and 10 times 50% scholarship based on trimester result.
2017-2021
- **HTML5 - From Basics to Advanced level (2021)**
Udemy
2021