Efter Jahan Ema

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EXPERIENCE

Working as a Junior Software developer at BritSync,UK

From 2024

Working As a Teaching Assistant for Database Management System Course at IIUC

From 2022 - 2023

EDUCATION

International Islamic University Chittagong, Bangladesh.

BSc in Computer Science & Engineering (2019-2024).

PROJECTS

- **House Rent Website (python django framework)**
- **Employee Management System (C++)**
- **Door Lock System (Arduino based)**
- **Online Shopping System (PHP)**
- **Hotel Management System (Java)**
- **Doctor Reservation System (Java)**
- **Wampus World (Python)**
- **Single-lane bridge Solution (using semaphore & mutex lock)**
- **Traffic Generator Sink and Hub Network Implementation (using omnet++)**
- **Enhance Network Resilience (using GNS3)**
- **Trains Switching Tracks (using graphics in C++)**
- **Predict traffic flow from camera counting (using python - machine learning)**
- **Object and character recognition using template matching (Pattern recognitions and Image Processing using Python)**
- **Scraping websites using FastAPI with Python language.**

SKILLS

Data analysis, Data entry and Admin, Web Scraping, Competitive Programming (handle.id: Whirlwind_Girl [Codeforces], Ema325 [Atcoder], c193229_ema [hackerRank]),C++, Python, FastAPI, Django Framework, Java, machine learning, Deep learning, Mysql Database, Microsoft office, HTML, CSS, Javascript.

AWARDS

Ada Lovelace National Girls Programming Contest – 2021

Best Performer at IIUC Programming Bootcamp organized by IIUC Computer Club – 2022

LANGUAGES

English, Bengali, Hindi, Urdu.