



Sudipto Mondal

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EDUCATION

Bachelor of Science (B.Sc.) – CSE

United International University

📅 Jan '20 – Jan '24 📍 Dhaka, Bangladesh

CGPA: 3.55 out of 4

Higher Secondary Certificate

Govt. Science College

📅 June '17 – Apr '19 📍 Dhaka, Bangladesh

GPA: 5 out of 5

EXPERIENCE

- Research on Machine Learning Project

📅 Jan '23 – Oct '23 📍 Dhaka, Bangladesh

- Research on Green Computing

📅 May '23 – Oct '23 📍 Dhaka, Bangladesh

Responsibilities:

- Assisting in data collection, preprocessing, and annotation to prepare datasets for model training and evaluation, performing literature reviews, exploring algorithms, and contributing to experimental design.

ACHIEVEMENTS

- Q1 Journal Publication as First Author
GEECO: Green Data Centers for Energy Optimization and Carbon Footprint Reduction Sustainability, MDPI · Oct 25, 2023.
- 50% & 25% academic scholarship based on GPA.

SKILLS

- Programming Language: C/C++, Java, Python, PHP
- Database: MySQL Server
- Front-end: JavaScript, HTML5, CSS, Bootstrap
- UI/UX: Figma, Adobe XD, Webflow
- Back-end: Python, PHP (native), Java
- Project Management Tool: Jira
- Data Science Libraries: NumPy, Matplotlib, Sklearn
- Version Control: Git & GitHub

PROJECTS

Online Food Delivery App

- It is an Online Food Delivery App for ordering food using Java.
- Backend components were constructed in Java, while JavaFX was employed for the front end.
- Tools: Java, JavaFX, OOP.
- Handled user authentication using File System in Java.

intelTraffic

- It is a project to ensure effective and proper web-based live traffic and road condition monitoring.
- Tools: Python, CSS, Pandas, OpenCV, HTML, CSS.
- It provides real-time traffic updates, including traffic flow, congestion, and incidents like accidents or road closures
- Software interface includes traffic flow, incident detection, and safety alert interface.

EasyNurse

- An Android app designed to give easy access to professional nursing services by connecting consumers.
- Tools: Android Studio, Java.
- Provides features such as appointment scheduling, medical advice access, and enabling contact between patients and nurses.
- Backend components are developed using Java.
- Using Android's UI components creates visually appealing and responsive interfaces.

DoctorsUnite

- A web-based initiative that facilitates online services and medical visits while also allowing users to perform virtual health checks.
- Frontend development tools include HTML and CSS, with PHP serving as the backend language.
- MySQL was used to manage the database of user information.