

Mubassir Habib

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📁 PROFESSIONAL EXPERIENCE

Technical Support Engineer

Vision Trade International

07/2023 – 01/2024
Dhaka, Bangladesh

- Handled the projects involving the implementation of automated target encoding systems, ensuring their seamless integration into client environments, contributing to the successful deployment and functionality of projects.
- Collaborated closely with clients to understand project requirements, and utilized strong analytical skills to identify and resolve technical issues.

Machine Learning Intern

Sync Intern's

04/2023 – 05/2023
India

- Implemented machine learning techniques to real world datasets and fine-tuned the models to enhance the performance for improved choices
- Collaborated with a team to conduct thorough research with the latest advancement in the field for applying new insights to optimize model performance

🎓 EDUCATION

Bachelor of Computer Science and Engineering

North South University

01/2018 – 02/2023
Dhaka, Bangladesh

Major: Artificial intelligence

Relevant coursework: Data Structure, Database Management, Software Engineering, Web & Technologies, Machine Learning, Pattern Recognition and Neural Networks, Natural Language Processing

💡 SKILLS

Programming (Python, C, C++, Java, JavaScript) | **Frontend** (HTML, CSS) | **Backend** (Django) | **Database** (MySQL, NoSQL) | **Frameworks** (Tailwind CSS, PyTorch) | **Libraries** (NumPy, Pandas, Scikit-Learn, Matplotlib, Seaborn, Spacy, fastText, BeautifulSoup) | **Tech** (Git, Github, VScode, Jupyter Notebook, Eclipse, Kanban Board, Notepad++) | **Data visualization** (Microsoft excel, Power BI) | **Technical Documentation** (Latex, Microsoft Office)

📁 PROJECTS

ompBD 🔗

Tech Stack: Html, Tailwind CSS, JavaScript, Django, NoSQL

01/2024 – 03/2024

- Implemented a responsive and visually appealing online marketplace for BD to enhance user experience.
- Used Django to implement the backend, database, and server-side logic

Research and Development of an E-commerce with Sales Chatbot 🔗

Tech Stack: Html, CSS, JavaScript, Django, MySQL

02/2021 – 06/2021

- Developed an advanced E-commerce system consisting of a chatbot with Django

Object Detection Based Management System of Solid Waste Using Artificial Intelligence Techniques 🔗

Coursework: Senior Design

01/2022 – 09/2022

- Built a custom dataset with 12 different types of waste
- Applied customized RCNN and the best classification accuracy rate of the model is 73%, F1 score is 0.729

Resume Categorization 🔗

03/2023 – 05/2023

- Implemented function to pre-process the text using a regular expression, tokenization, stemming
- Applied RandomForestClassifier and GridSearchCV to assess the performance with limited data and for the optimal combination of hyperparameters.

Employee Resignation Prediction using Machine Learning Techniques 🔗

Coursework: Machine Learning

09/2021 – 12/2021

- The dataset consists of 1470 rows and 35 columns and pre-processed the data with different techniques like feature selection and min-max scaler
- Applied four different algorithms(Decision Tree, K-Nearest Neighbor, Random Forest, and Logistic Regression), Random Forest with the testing accuracy of 86% is the best performer