Md. Rifat Azim

Data Science & Machine Learning Engineer

Data Science: Python, TensorFlow, Keras, NumPy, Pandas, Scikit-learn, OpenCV, TF-IDF, RNN, etc.
Web Development: Django, PHP, Laravel, Xampp, Java, JavaScript, CSS, Bootstraps & HTML.

A final year Computer Science and Engineering student with over 3 years of experience in Data science, Machine Learning, Web Development, Graphics Design and Video Editing, currently seeking a reputed and collaborative company to enhance and sharpen my skills and contribute to the company's success.

Contact

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GitHub
github.com/rifatazim191

Education

¤ 2019 - 2024
BSc in Computer Science & Engineering
North South University

¤ 2016 - 2018
Higher Secondary School Certificate
Govt. Science College

Expertise

- Machine Learning
- Web Development
- Artificial Inteligance
- Social Media Marketing
- Video Editing

Language

- Bengali (Native)
- English (Bilingual)

Projects

Point of Sale: Inventory Management System

📅 2022

- Developed a Point of Sale (POS) system using PHP and Laravel for backend, and CSS and HTML for frontend design.
- Utilized XAMPP for database handling and data storage, creating an efficient server for inventory management.

Tech skills: PHP, Laravel, XAMPP, CSS, Bootstraps, HTML, Database management, etc.

Bank-Marketing Dataset: Classification & Evaluation Metrics

📅 2023

- The Bank Marketing dataset from UCI ML Repository was used for analyzing client information and economic indicators to predict term deposit subscription.
- Implemented and evaluated various machine learning models and deployed final model for production environment.

Tech skills: Python, Data Visualization, Feature Engineering, Exploratory Data Analysis, etc.

Knowledge Distillation Approach towards Alzheimer's Disease

📅 2023

- Used a Kaggle dataset with augmented MRI images to create a ResNet50 model.
- Applied knowledge distillation technique to transfer knowledge from a large model to a smaller model using the pretrained ResNet50 model.

Tech Skills: Python, Knowledge Distillation, Deep Neural Network, Data Preprocessing, etc.

Sentiment Analysis: Depression Detection from Tweeter Posts

📅 2024

- Merged Sentiment140 and web-scrapped twitter data for Sentiment Analysis.
- Two models were developed for the prediction: TF-IDF Classifier to create the SVM model and word2vec for the RNN architecture, LSTM .

Tech skills: Python, Word tokenization, Concatenating dataset, Word Embedding, Word2vec.

All of my projects are stored here

Reference

Dr. Md. Monirujjaman Khan
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North South University

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