MD. TASLIM

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GitHub
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EDUCATION

B.Sc. Computer Science and Engineering, Jashore University of Science and Technology, Jashore. **2023**
CGPA: 3.61/4 [Second Position].

H.S.C Science Unit, Govt. Shaheed Suhrawardy College, Dhaka. **2016**
GPA: 4.58/5

S.S.C Science Unit, A. H. High School, Bhola. **2014**
GPA: 4.63/5.

PUBLICATIONS

1. Md Taslim, Md Shafiuzzaman, Mostafijur Rahman Akhond, Md Alam Hossain, "DECISION SUPPORT SYSTEM FOR AGRICULTURE: CROP DISEASE RECOGNITION AND CLASSIFICATION THROUGH AN OPTIMIZE CONVOLUTION NEURAL NETWORK (CNN)." In E-PALLI INTERNATIONAL CONFERENCES (EIC), p. 17. 2023. DOI.

2. Bhuiyan Rabiul Alam, Mst Shimu Khatun, Md Taslim, Md Alam Hossain, "Handling Class Imbalance in Credit Card Fraud Using Various Sampling Techniques." American Journal of Multidisciplinary Research and Innovation 1, no. 4 (2022): 160-168. DOI.

3. Md Asfaqur Rashid, Md Alam Hossain, Md Taslim, Md Nasim Adnan, "KRISHOKBOT: AN INTELLECTUAL AGENT FOR FARMERS." In E-PALLI INTERNATIONAL CONFERENCES (EIC), p. 12. 2023. DOI.

4. How machine learning algorithms perform in breast cancer classification? (**Under review**)

PROJECT

1. Decision Support System for Pest Control in Agriculture. Funded by ICT Division.

Description: The Decision Support System for Pest Control in Agriculture is a system designed to assist farmers and agricultural workers in making informed decisions about pest control. The system utilizes data analysis and modeling techniques to provide recommendations for the most effective pest control methods based on the specific conditions of a farm or field. This project is funded by the ICT Division, and it aims to improve the efficiency and sustainability of agriculture while reducing the negative impact of pest control on the environment.

Technology: Deep Learning.

2. Rice Diseases Recognition and Pesticide Recommendation using Convolution Neural Network. Funded by JUST Research Cell.

Description: In this project, Convolutional Neural Network (CNN) can be used to recognize different types of rice diseases and provide recommendations for effective pesticide management. The approach involves collecting a large dataset of images of healthy and diseased rice plants, preprocessing the data, training the CNN model, validating and testing the model's accuracy, and using the model to provide recommendations for pesticide application based on the specific disease, stage of infection, and type of rice plant. Also fine tuning the model parameter for

EXPERIENCE

Programming: Solved 500+ programming problems in total online. **LeetCode**.

Software Engineer (Trainee Java) at BJIT Limited, April 2023 – July 2023

Teaching Assistant (Feb. 2022 - Jan. 2023):

Under Professor Dr. Md. Alam Hossain, Dept. of CSE, JUST
Conducted Course:
Data Structure.

Research Assistant: Machine Learning and Deep Learning LAB, Dept. of CSE, JUST Mar. 2021 - Jan. 2023.

SKILLS

Programming Language

C/C++, JAVA, Python, Latex.

Web Development

HTML5, CSS3, JavaScript, Reactjs, Spring Boot, SQL Server, Git.

Machine Learning

Machine Learning, Computer Vision, Natural Language Processing, Keras, Deep Learning, OpenCV, Scikit-learn, PyTorch, TensorFlow, SQL Server, Git.

HONORS & AWARDS

1. Mathematics Olympiad (9th Position) 2022
2. Essay competition award from the Minister of Education (2nd Position) 2015

better performance.
Technology: Convolution Neural Network.

3. Bangla Fake News Detection Using an Optimal Deep Neural Network (DNN-BERT) Model:
Description: In this project, the dataset was sourced from Kaggle and contains news articles categorized as either authentic or fake. Preprocessing steps were performed on the dataset, including tasks such as lowercasing, stopword removal, special character and punctuation removal, handling rare words, tokenization, and stemming or lemmatization, culminating in feature extraction. The proposed model was trained on this preprocessed dataset, then tested with a separate test dataset to evaluate its performance.
Technology: Deep Neural Network and BERT**.**

4. RAISS LAB WEBSITE (Research in AI, IoT and Software Security) — HTML5, CSS3, JavaScript, PHP
Description: This project maintains the lab information such as lab member profile, lab news, project information, and publication information.

5. Car Racing Game — Python
Description: This project allows players to simulate the experience of racing cars in various settings. These games typically involve players selecting a car and competing against other players or computer-controlled opponents on various tracks and terrains

REFERENCE……

Dr. Syed Md. Galib
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Md. Taslim

TRAINING

Coursera

1. Machine Learning
2. Deep Learning Specialization
3. TensorFlow in Practice Specialization
4. Computer Vision – Object Tracking with OpenCV and Python.
6. Natural Language Processing Specialization.
7. Data Visualization with Python.
8. Introduction to Data Science in Python.
9. Programming for Everybody (Getting Started with Python).
10. Feature Engineering
11. Analyze Text Data with Yellowbrick
12. Avoid Overfitting Using Regularization in TensorFlow
13. Convolutions for Text Classification with Keras
14. Real-time OCR and Text Detection with Tensorflow, OpenCV and Tesseract
15. Data Visualization with Python