ISHRAT NUR NAWRIN

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Summary

Motivated and diligent Computer Science and Engineering graduate with a solid foundation in machine learning, web development and data structures. A proactive learner with strong skills in analytical problem solving and project management with a collaborative perspective. Seeking an opportunity to leverage skills and to build a strong foundation for the dynamic tech industry.

Skills

Programming Skill : · Python · SQL · Scikit-learn · Java · Laravel · HTML & CSS

Others : · Overleaf · Bootstrap · Jira · Microsoft Excel

Core Competencies : · Computer Vision · Data Analysis

Education

BRAC University
Master's Degree, Computer Science and Engineering
2024 - Present

BRAC University
Bachelor's Degree, Computer Science and Engineering 2019 - 2023
CGPA : 3.77

Ispahani Public School & College, Chittagong
GPA : 3.85 2016 - 2018

B.M.S Girls High School & College, Chittagong
GPA : 5.00

Publications

DOI - https://ieeexplore.ieee.org/document/10212670
A Comparative Analysis of Deep Learning and Hybrid Models to Diagnose Multi-Class Skin Cancer 2023

Co-author : Tonusree Talukder Trina; Rafeed Rahman; Annajiat Alim Rasel
2023 International Conference on Next-Generation Computing, IoT and Machine Learning (NCIM)

Projects

Multi-class skin cancer classification models

The project aims to detect skin cancer types by incorporating a variety of transformer models and a few proposed models. Our proposed model CNN-SVM-LSTM, emerged as the top-tier performer among all models.

- Presented at the 2023 International Conference on Next-Generation Computing, IoT and Machine Learning (NCIM)

Football for the visually impaired audience

The motive behind the research is to enable the visually impaired audience to watch football. The YOLO and the player tracking algorithm served the purpose of players and ball detection. The research is still ongoing.

Projects

Smart audio-book player

A PyCharm based audio book project for reading books from pdf files.