Jasmin Jahan Puspo

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Education

North East University Bangladesh — January 2017-June 2021
Major: Computer Science & Engineering
Obtained GPA: 3.54 /4.00

Interests

Computer Vision, Machine Learning

Projects

Object Info:
- Identifies and briefly describes different types of objects written in Java

Desktop Application:
- Find out different files/ folders from desktop local disks written in Java

Study Management System:
- A simple dynamic website created using PHP, HTML5, CSS3, MySQL where people can store their study materials.

Medicare:
- A website is created that provides health-related information using PHP, HTML5, CSS3, MySQL.

Tic Tac Toe:
- Python project that decides win, lose or tie between player vs computer.

Titanic Survival prediction-Kaggle:
- Trained RandomForest, KNN algorithms to make predictions such that passengers would survive or not.

Bangla Money Recognition-Kaggle:
- Implemented KNN, Linear regression, and CNN algorithms from scratch and Scikit Learn libraries to classify Bangla nine notes.

Breast Cancer Classification:
- Implemented an ideal CNN model to classify the stage of cancer on the MIAS dataset.

Object Detection & Segmentation:
- The purpose of this project is to go through the Mask R CNN algorithm

Fully Automatic Computer-Aided Mass Detection And Segmentation Via Pseudo-Color Mammograms And Mask R-CNN:
- A Research paper I had implemented during my undergrad thesis.

Skills	Programming: C, Java, Python, MatLab, Latex, HTML5, CSS3 Framework: Tensorflow, Keras, OpenCV, Scikit Learn Version Control System: GitHub Googling, Communication, and Collaboration
Languages	Bangla:Native ; English:Fluent ; Hindi:Fluent
MOOCs on DataCamp	Biomedical Image Analysis in Python by Stephen Bailey Certificate Image processing in Python by Rebeca Gonzalez Certificate
Participations	NEUB Intra Department ICT Fest, 2018. National Girls Programming Contest,2019. Grace Hopper Girls' Programming Contest, 2019
Extra Curriculum Activities	Mentor: mentored undergraduate CSE students on different projects. Student volunteer: taught Secondary School students to achieve better grades.

Last updated: 29 Oct 2021