

JASMIN JAHAN PUSPO

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EDUCATION

B.Sc (Engg.)	North East University Bangladesh Major: Computer Science & Engineering CGPA: 3.54/4.00	January 2017-June 2021
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RESEARCH INTERESTS

- Computer Vision
- Machine Learning

ACADEMIC PROJECTS

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.

Object Detection & Segmentation:

- The purpose of this project is to go through the Mask R CNN algorithm.

Breast Cancer Classification:

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

Bangla Money Recognition-Kaggle:

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

Titanic Survival prediction-Kaggle:

- Trained Random Forest, KNN algorithms to make predictions such that passengers would survive or not.

Tic Tac Toe:

- Python project that decides win, lose or tie between player vs computer.

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 students can store their study materials.

Medicare:

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

SKILLS

Programming Languages: C, Java, Python

Data Analysis Tools: Scikit-learn, OpenCV, Numpy

Deep Learning Frameworks: TensorFlow, Keras

COURSES ON DATA CAMP

Biomedical Image Analysis in Python by Stephen Bailey
Image processing in Python by Rebeca Gonzalez

[Certificate](#)
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LANGUAGES

Bangla: Native Language; **English:** Fluent Language; **Hindi:** Fluent Language

REFERENCES

Muhammad Mahir Hasan Chowdhury, Ex-Lecturer
Computer Science & Engineering
North East University Bangladesh
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