Sudipta Sarkar

MSc. Student.

I pursuing my master's degree in Computer Science from RKMRC, Narendrapur.

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EDUCATION

MSc in Computer Science
Ramakrishna Mission Residential College (RKMRC)

09/2023 - Present *Narendrapur, West Bengal, India*

MSc in Computer Science

- SGPA : 9.73 out of 10.00 (upto semester 1)

BSc in Computer Science
Ramakrishna Mission Vivekananda Centenary College (RKMVCC)

09/2020 - 06/2023 *Rahara, West Bengal, India*

BSc in Computer Science

- CGPA : 9.72 out of 10.00 (92.04%).
- I done my final year project on Human Facial Expressions Detection using CNN.

PROJECTS

Nuclei Segmentation using UNet (05/2023 - 06/2023)

- Cell nuclei segmentation is a fundamental task in microscopy image analysis, based on which multiple biological-related analyses can be performed. Although deep learning (DL) based techniques have achieved state-of-the-art performances in image segmentation tasks, these methods are usually complex and require the support of robust computing resources.

Potato Disease Classification using CNN (05/2023 - 05/2023)

- In potato production, there are several diseases that affect potato production and degrade agricultural development. Therefore, disease detection in the early stage can provide a better solution for successful crop cultivation. In this study, our aim is to detect and classify potato leaf diseases using a deep learning algorithm.

Human Facial Expressions Detection using CNN (01/2023 - 04/2023)

- The primary idea of our project is to process the input images of human facial emotion to train the model on datasets.In this project we can use a popular deep learning method (convolutional neural networks) to identify the key human emotions like anger, disgust, fear, happiness, sadness, surprise and neutrality.
- This is my Final Year Project work.

SKILLS

Programming | Data Structures & Algorithms | Database Management Systems | Theoretical Computer Science | Operating Systems | Discrete Mathematics | Artificial intelligence | Computer Vision | Machine Learning | Deep Learning | Computer Networks | Linux | Problem Solving | Linear Algebra

CERTIFICATES

Spoken Tutorial Python 3.4.3 Training Certificate (03/2022 - 06/2022)

PROGRAMMING LANGUAGES

C++
Elementary Proficiency

Java
Full Professional Proficiency

C
Full Professional Proficiency

Python
Full Professional Proficiency

INTERESTS

Machine Learning | Digital Image Processing | Deep Learning | Generative AI (GenAI) | Artificial Intelligence | Data Structures and Algorithms | CNN (Convolution Neural Networks)