ASMITA MUKHERJEE

DOB : 23rd may, 2000 GENDER : FEMALE

CONTACT

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🏠 Hooghly, India

EDUCATION

M. Sc in Computer Science
Asutosh College, Kolkata (Affiliated by Calcutta University) 2021-2023
CGPA-8.267

B.Sc in Computer Science
Asutosh College, Kolkata (Affiliated by Calcutta University) 2018-2021
CGPA-8.03

Higher Secondary Education
Uttarpara Girls' High School
WBCHSE, 2018
Percentage-84.4%

Secondary Education
Uttarpara Girls' High School
WBBSE, 2016
Percentage-85.42%

SKILLS

Programming Languages

- C
- Python
- HTML
- OOPs Concept
- SQL
- Javascript
- PHP
- CSS

- Image Processing Deep Learning
- Tensorflow
- Data Science
- Database Management System
- Machine Learning
- CNN
- Pytorch

CAREER OBJECTIVES

To secure a challenging role in a company and utilizing my academic qualifications and technical skills to contribute to the company's growth and success.

Experience

Guest Lecturer, Computer Science Department, Serampore Girls' College. [September 2023 – Present]

SEMINAR

Topic:- Explainable Artificial Intelligence (XAI)

Description:- The purpose of an explainable AI (XAI) system is to make its behavior more intelligible to humans by providing explanations.

ACADEMIC PROJECTS

Project Name: A customized CNN model to recognize speech instruction

Team Size: 3

Project Duration: Almost 4 Months

Description:- In this project we want to use neural networks in our approach that is concerned with ASR to create an intelligent interface and works to receive the voice of users so that these interfaces allow intelligent interaction with users and establish a natural and easy communication between the machine and human by converting Human voice into text.

Project Name: Detection of Spoofing Attacks in Palm-Vein images by using Deep and Handcrafted Feature.

Team Size: 3

Project Duration: Almost 3 Months

Description:- The idea of the project is to enhance the security of palm vein recognition by merging deep learning and handcrafted features to detect spoofing attacks. By extracting high-level representations using deep learning and incorporating handcrafted features, it improves accuracy in spotting fake images. This hybrid method ensures robust and reliable palm vein recognition against deceptive spoofing attempts.

CERTIFICATION

- Python programming from Great Learning Academy.
- Python projects from Great Learning Academy
- Introduction to Artificial Intelligence from Great Learning Academy.
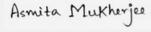- The Complete Node. js Developer Course.

PERSONAL TRAITS

- Quick Learner
- Analytical ability to think logically and rationally
- Diligent and Hardworking, especially as a team member

LANGUAGE

- English
- Hindi
- Bengali

HOBBIES

- Painting
- Writing
- Learning new Topics

Asmita Mukherjee.
Signature