

Dweepayan Kar

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EDUCATION

Don Bosco Higher Secondary School

High School Leaving Certificate

Haflong, Assam

2006 – 2018

Ramanuj Gupta Junior College

Higher Secondary

Silchar, Assam

2019 – 2020

Vellore Institute of Technology

Bachelor of Technology in Computer Science

Specialization in Artificial Intelligence and Machine Learning

Bhopal, Madhya Pradesh

2022 – 2026

PROJECTS

Facial Recognition Attendance System | *Python, OpenCV, dlib, Flask*

2024

- Developed an attendance system using facial recognition for real-time identification and tracking.
- Implemented face detection and feature extraction using OpenCV and dlib libraries.
- Created a Flask REST API backend to manage user data and attendance logs.
- Integrated the system with a frontend interface for seamless user interaction and attendance visualization.

Pic geny | *Python, PyTorch, Diffusers, Transformers*

2023

- Built a text-to-image generation pipeline using Stable Diffusion V2 and Hugging Face Diffusers.
- Used GPU acceleration and controlled random seed for reproducible high-quality image outputs.
- Implemented flexible prompt-based image generation with customizable parameters such as guidance scale and inference steps for enhanced output quality.
- Automated image resizing and integration for streamlined usage in projects.

TECHNICAL SKILLS

Languages: Java, Python, C/C++

Libraries: pandas, NumPy, Matplotlib, sci-kit learn, Tensorflow