

SUDIP SHRESTHA

+977 9818295939

sudipshrestha2051219@gmail.com

Kathmandu, Nepal

PROJECTS:

Nepali Handwriting Recognition Neural Network

[View work](#)

In this project I implemented a neural network for classifying Nepali handwritten digits. The implementation was done from scratch using the numpy library and I was able to achieve 86% accuracy in test dataset.



Multimodal llm

In this project I finetuned LLAMA-3 for automating the customer banking service. I used Flask for serving from the backend. You could either send texts or audio as input and the application would send the response in same format(text for text and audio for audio).



Dinosaur Game Automator

This was a simple mini-project where I made an automated bot that was able to play the classic dinosaur game using template matching.



EDUCATION:

Bachelors in Computer Science and Information Technology (3rd year) at **Amrit Science Campus** affiliated to Tribhuvan University, Nepal.

TECH STACK:

- Proficient in **python**. (**Flask** for backend development, **PyTorch** for deep learning. Mostly used for Machine Learning and Deep Learning tasks.)
- Worked with **C**, **C++**, **C#(ASP .NET)**.
- Web development experience with **HTML**, **CSS** and **JS** (proficiency in **React**).
- Fluent in Linux and command line terminals.
- Skilled in version control systems like **Git** and **GitHub**.

ONLINE CERTIFICATIONS:

Fundamentals of Graphics Design: Coursera

Neural Network and Deep Learning: Coursera

Machine Learning Specialization: Coursera