ABHILAKSH SHARMA

Computer Science Undergraduate

CONTACT

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EDUCATION

NIIT University
Neemrana, Rajasthan
[2022-Present] | CGPA:7.1
DAV Public school
Hamirpur, Himachal Pradesh
Till Senior secondary

SKILLS

Python
Machine Learning
Data Analysis
MongoDB
Express
React
Node
JavaScript
Power BI
SQL
Git, Github, Jira
Jenkins
HTML, CSS
Photoshop

Overview

A Computer Science student specializing in Artificial Intelligence, actively seeking an Industry Placement (IP) opportunity. Skilled in Python, SQL, Machine Learning, and Deep Learning, with additional experience in full-stack web development. Eager to contribute to real-world projects while continuing to learn and grow.

Projects

Image Descriptor

Deep Learning model

Github link :- https://github.com/Abstroar/what-is-in-image

- Implemented an encoder-decoder model in TensorFlow/Keras to generate image descriptions using VGG-based feature extraction and an LSTM-based language model.

Stock Prediction model

Deep Learning model

Github link :- https://github.com/Abstroar/stock_trading_reinforcement

- Developed a reinforcement learning-based stock trading agent using Deep Q-Networks (DQN) in TensorFlow/Keras.
- *Designed for a multi-stock environment and optimized through reward-based learning.*

Python-Based Web Browser

Python GUI Programming

Github link :- https://github.com/Abstroar/Web-browser

- Built a basic web browser that fetches and renders web pages by following the Web Browser Engineering guide.
- Used tkinter library to create a graphical interface for application.

Conference Presentation

Tiny ML on Microcontroller

- Presented review paper at the **International Conference on Engineering Trends in Education System and Sustainability (ICETESS-2025)**, Jaipur Engineering College, 2025. *(Review Paper)*