Swayam Chaurasia

+91 (829) 920-3300 | swayamchaurasia42003.com | www.linkedin.com/in/swayam-chaurasia

Profile

Curious and hard-working person who enjoys challenging problems and diving deep into concepts. Passionate about learning new things and adapting quickly in dynamic environments. Love to explore the bits and crumbs of things and go into depth of the subject. Strong grasp of Data Structures and Algorithms in both C++ and Java, with a knack for identifying patterns intuitively. In my free time, I enjoy reading research papers and solving problems on Leet Code. Have a solid understanding of Deep learning methods, LLMs, Natural Language processing and Machine Learning.

Experience/Projects

FRAUD INSURANCE DETECTION USING DEEP NEURAL NETWORK

· Developed a deep learning model to detect fraudulent insurance claims.
· Implemented a CNN-based model for detecting fraudulent insurance claims on tabular data.
· Utilized them for table structure recognition and for feature extraction.

LIVE EMOTIONAL DETECTION

· Developed a real-time facial emotion recognition system using Python, TensorFlow and OpenCV, capable of classifying 7 distinct emotions from a live webcam feed.
· Implemented and trained Convolutional Neural Network (CNN) models (MobileNetV2, EfficientNetB0) utilizing transfer learning and fine-tuning techniques on the FER2013 dataset.

BLACKJACK SIMULATION USING REINFORCEMENT LEARNING METHODS

· Used Q-Learning (td method), Deep Q learning, SARSA and Monte Carlo methods to understand how they compare in Blackjack simulation
· Gained a richer and more intuitive understand of various reinforcement learning methods.

Education

3RD YEAR OF B.TECH COMPUTER SCIENCE SPL. IN AI/ML | VIT-AP UNIVERSITY

Skills & Abilities

· Data Structure & Algorithm
· Deep Learning
· Natural Language Processing

· Poised under pressure
· Problem Solving
· Fun and energetic

Activities and Interests

Learning Japanese, football, geography, history, chess.