

ARYAN MAHAJAN

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PROFILE

I am a hardworking and enthusiastic College Student working towards a B tech CSE with a specialization in Artificial Intelligence and Machine Learning. Seeking to use my knowledge of programming, ML and my advanced Communication Skills to effectively serve your company in an internship position. Dedicated, hardworking, and committed to becoming a dependable and valuable team member.

SKILLS

- Python (NumPy, Pygame, Pandas, Matplotlib, TensorFlow)
- Java and DSA
- Blockchain and NFT's
- HTML & CSS
- MySQL
- Statistics
- Data Analysis
- Machine Learning

CERTIFICATIONS

- Python Programming – CIIT
- Introduction to Statistics - Stanford University
- Foundation: Data, Data, Everywhere – Google
- Ask Questions to Make Data Driven Decisions – Google
- Introduction to Machine Learning – DeepLearning.AI
- Advance Learning Algorithms –

PROJECTS

Lunar Lander with NEAT (NeuroEvolution of Augmenting Topologies)

Sept 2024 – Oct 2024

NeuroEvolution of Augmenting Topologies (NEAT) is a genetic algorithm (GA) for the generation of evolving artificial neural networks. This project is an AI-powered Lunar Lander simulation using NEAT (NeuroEvolution of Augmenting Topologies) and Pygame. The AI tries to controls the lander to perform smooth landings on a platform while avoiding crashes, learning from each generation using evolutionary algorithms.

GitHub Link:

https://github.com/AryanMahajan/Lunar_Lander_with_NEAT

Flappy Bird with NEAT (NeuroEvolution of Augmenting Topologies)

Aug 2024 –Sept 2024

NeuroEvolution of Augmenting Topologies (NEAT) is a genetic algorithm (GA) for the generation of evolving artificial neural networks. This project demonstrates the power of NEAT in solving challenging tasks like playing Flappy Bird. By combining the flexibility of neural networks with the efficiency of genetic algorithms, NEAT can learn and adapt to complex environments, providing a valuable tool for artificial intelligence and game development.

GitHub Link:

https://github.com/AryanMahajan/Flappy_Bird_With_NEAT

Dog or Cat Sorter (DOTS)

May 2024 –June 2024

DOTS is a machine learning model which can classify whether the

DeepLearning.AI

- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning – DeepLearning.AI
- Unsupervised Learning, Recommenders, Reinforcement Learning – DeepLearning.AI
- Convolutional Neural Networks in TensorFlow – DeepLearning.AI

image is of a dog or a cat using CNN method and is made using TensorFlow.

GitHub Link:

<https://github.com/AryanMahajan/DOTS>

House Price Prediction using TensorFlow and Keras

May 2024 – June 2024

This project predicts house prices based on three features: area, number of bedrooms, and number of bathrooms. It utilizes the TensorFlow library with the Keras high-level API for building and training the machine learning model.

GitHub Link:

https://github.com/AryanMahajan/House_Price_Prediction_Model

Data Set Used:

<https://www.kaggle.com/c/house-prices-advanced-regression-techniques>

MythicalDragonsClub (NFT Project)

Nov 2021 – Jan 2022

MythicalDragonsClub is a NFT project on polygon blockchain.

Link for Open-Sea:

<https://opensea.io/collection/mythicaldragonsclub>

Contract Address:

0x701178Ea217D486AD9253B4b40d3221cC3f59A3e

Portfolio Website

Mar 2024 – Working

<https://aryanmahajan.vercel.app>

EDUCATION

Bachelor of Technology in Computer Science and Engineering with specialization in Artificial Intelligence and Machine Learning

Sushant University, Gurugram, Haryana, India

Aug 2023 – May 2027

Current Average GPA – 8.768/10

High School Graduation

Shaurya International School, Jammu, J&K

Mar 2023

Percentage-90.2%