SATYA A

–– A Computer Science Student Passionate About Computer Vision, Autonomous Systems

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PROJECTS

Fast.ai Image Classifier – code
- Classify Images Scraped from Internet (Lions, Tigers, Bears)
- This project has been deployed in Render link

A* Pathfinder visualizer – website – code
- A* is like Dijkstra's Algorithm in that it can be used to find a shortest path by using heuristic to guide itself.

Similar Images Retrival using Autoencoder – code
- Given a set of query images and dataset images, we perform image retrival on dataset images to get top-k most similar images using KNN

Generate New Face using DCGAN – code
- Generate Faces and augment complete object in an image from this paper.
- This DCGAN is made of pair of multi-layer neural networks that compete against each other until one learns to generate realistic images of faces.

Deploying a Sentiment Analysis Model – code
- Train and Deploy a sentiment analysis of IMDB movie reviews model using AWS SageMaker.
- This Model tells us a given review is a positive or negative

Build a Chatbot in Hackathon ~Amazon
- Identify the product issue and report directly to the seller about the issue through chatbot.
- This can identify spam and not spam from their previous reviews.

EXPERIENCE
- Created a website for a retail store
- Created a video streaming device using raspberry pi
- Volunteering in college and tech events in communities
- Cognizant Programmer Analyst.

FUN FACTS

INTERESTS:
Entrepreneurship, Reading Blogs
HOBBIES:
Gaming, Running, Watching Anime

SKILLS

Technical Skills:

Proficient with:
Python • C++ • C • Asp.net • JavaScript • Fast.ai • Pytorch • Tensorflow • SQL • Git • HTML • CSS • Agile
Familiar with:
AWS • Docker • Django • Nodejs • R • System Design

Soft Skills:
Leadership • Initiative • Problem Solving • Communication (English, Hindi, Telugu)

ACADEMIC HISTORY

Malla Reddy Institute of Technology – 2019
- BTech | Computer Science

Narayana Jr College – 2015
- Intermediate

Brilliant Grammar High School – 2013
- X Standard

Udacity – Deep Learning – 2020

CERTIFICATS – link

- Udacity Deep Learning Nanodegree - link
- Linux Essentials - link
- Python3 -link
- Data Analysis with Python - link

OTHER

- Intel AI Edge and Pytorch DL Scholor - Udacity
- Participated in Hackathons.
- Do Code Challenges in codewars, codefights & compete in kaggle sometimes
- Team Lead for our Mini and Major project in College and in my office as a trainee completed the project in less time with well organized.