JAINIL PATEL

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SUMMARY

I am pursuing Data Science from Pandit Deendayal Petroleum University, Gandhinagar. Also I am a freelancer. Programming is my passion that leads me to study computer science. My areas of interest are Machine learning, Neural Networking , Computer Vision. I have hands on experience in GCP-Cloud Computing. As well as I am currently part of 2 research projects. They are based on Climate change & Malicious Urls detection. I am comfortable to lead a team as well as enjoy working as a part of a team.

EDUCATION

Pandit Deendayal Energy University-PDEU (CGPA-9.90)   Aug. 2021 - Current
Mtech Data Science

Silver Oak College of Engineering & Technology (CGPA-9.15)   Sept. 2017 - Apr. 2021
Bachelor of Engineering Computer Engineering 2021

TERF Higher Secondary School
PCM-11th 12th Science

EMPLOYMENT

The Sparks Foundation-Intern, *Frontend Developer*   Apr. 2021 - May 2021
Intern as a frontend developer
Worked on bootstrap & angularjs

SKILLS

SOFTWARE: Tableau, PowerBI, MSQL, VBA basics
TECHNICAL: Python, C/C++, DataVisualization, Computer vision

PROJECTS

Malicious URLs Detection based on Bidirectional Encoder Representations from transformers(Ongoing)
Aim of this project is to detect malicious URls based on BERT model introduced by google. Classification was based on top level domain and string based using count vectorizer and tokenization

Geo-processing using geo-pandas
Aim of this project was to study the geo-pandas library in python. We have perform analysis on satellite images using different functions present in geo-pandas library

Semantic segmentation of satellite images
Aim of this project was to study about semantic segmentation using UNet, and Graph Neural Network (GNN) algorithms on satellite images. We performed this algorithms to segment the satellite images and compare their result

Covid-19 Detection using chest X-Ray and CT-scan Images
Aim of this project was to classify given chest X-Ray or CT-scan images, into normal and covid-19 labelled class. We used Convolutional Neural Network (CNN, Deep Learning algorithm) for classifying the image dataset.

AWARDS

Fundamentals of Accelerated Computing with CUDA C++ through NVIDIA.

Geo-processing using Python, IISR-ISRO

Architecting with Google Compute Engine through Coursera