

JASMINE

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Education

SRM Institute of Science and Technology, Kattankulathur

Aug 2022 - Present

3rd Year, B.Tech in Computer Science and Engineering

Adarsh Jain Dharmic Shiksha Sadan, New Delhi

2021-2022

Higher Secondary Education

Career Point Gurukul, Mohali

2019-2020

Secondary Education

Projects

Football Analysis - Object Detection | *Python, Pandas, Numpy, PyTorch, YOLOv5*

- A football analysis system built using YOLOv5, Supervision, OpenCV in Python.

AlexNet-CIFAR10 | *Python, PyTorch, matplotlib, Google Colab*

- PyTorch Implementation of AlexNet architecture on the CIFAR 10 dataset.
- Trained an Alexnet on CIFAR10 Dataset. The model has an accuracy of 82.5%

ViT Implementation from Scratch | *Python, PyTorch, matplotlib, Google Colab*

- Creates ViT (Vision Transformer) from scratch.
- The model has an accuracy of 75%.
- The Vision Transformer (ViT) extracts visual features by processing image patches using self-attention mechanisms, enabling superior performance in image recognition tasks

Brain Stroke Prediction | *Python, SciKit Learn, numpy, pandas, matplotlib, Google Colab, Data Science*

- Created an Logistic Regression Model that predicts if a person will suffer from a brain stroke or not based on the data.
- The model has an accuracy of 94%.

CLIP - Image Classification | *Python, matplotlib, Google Colab*

- Zero-shot image classification performed using OpenAI's CLIP. Used the huggingface version of the CLIP model..
- The model has an accuracy of 98% which is amazing for zero-shot learning.

Technical Skills

Languages: Python, C, C++, HTML, CSS, Bootstrap, PyTorch

Developer Tools: VS Code, Google Colab

Technologies/Frameworks: SciKit Learn, NumPy, Pandas, matplotlib, Git/GitHub, Data Structure and Algorithm, Machine Learning Algorithms, Artificial Intelligence

Experience

The Lead Origin

May 2024 – July 2024

Full Stack Intern

Domain - Full Stack Development

Completed a Two-month online internship focused on technical and software-related tasks

- Proficient in C programming and Web Development (HTML, CSS, JavaScript).
- Developed and optimized web-based applications using industry best practices.
- Gained hands-on experience in debugging C programs and improving code efficiency.
- Recognized for dedication, sincerity, and professional aptitude during the internship.
- Worked with development tools, frameworks, and version control systems.
- Earned an Internship Completion Certificate for outstanding contribution and skills.

Networking Basics

Oct 2024

Networking Academy

AWS Academy Graduate - AWS Academy Machine Learning Foundations

Feb 2024

Amazon Web Services

Volunteering

Gram Panchayat, Bilaspur

Volunteer • Community work

Swift Coding Club

Member • SRM Club