

Prayag Chawla



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New Delhi, Delhi, India



[My linktree](#)

Education

Thapar University, Patiala

B.E Electronics And Computer Engineering

2021 - 2025

S.L SURI DAV PUBLIC SCHOOL, New Delhi

Class XII (96.8%)

2021

Experience

Eddy Tools Digital Solution

June 2023 - August 2023

Software Developer Intern

- Worked on emotion sentiment analysis using OpenCV Python.
- Worked on API development using flask.
- Learnt about version control, Git, Github and Gitlab.

Neodocto

June 2023 - July 2023

Data Analyst Intern

- Worked on web-data scraping for data collection using various Google extensions and softwares.
- Applied data analysis techniques in email-marketing as well as social media marketing.

Projects

Flower Recognition Using Deep Learning

Applied cufflinks, torch, scikit learn, Keras, Sequential modelling to develop a flower recognition algorithm, accurately displaying the actual details of the flower through trained model.

Text Summarization

Using pickle, NLTK, tensorflow, keras layers and other ML concepts, made a text summarizer, where an input text is fed and the output is a summarized version of it.

XGBoost for stock price prediction

A stock prediction model using XGBoost library, various statistical approaches towards analyzing and predicting raw data.

Sign Language Recognition

Object recognition model, to translate gestures and movements from sign language into understandable text.

Twitter Sentiment Analysis

Developed an algorithm through which sentiments of tweets could be identified, and classified into positive, neutral and negative.

Resource Website

An education based website having one stop solution, blogs, testimonials, inter-university resources, hackathon updates and more.

Tindog Bootstrap Project

Designed a website using HTML, CSS, and Bootstrap module, added animations and aligned frames.

Skills

Programming Languages: Python, C++, HTML/CSS, Arm Programming language, MATLAB, VHDL

Libraries/Frameworks: Django, Flask, Bootstrap, Tensorflow, Scikit Learn, Opencv, PyTorch, Seaborn, XGBoost, BeautifulSoup

Tools / Platforms: Tableau, Git and Github, Eagle, Keil, Arduino, FPGA board, Arm Processing Kit, VS Code, Colab, Figma, Overleaf

Relevant Coursework

Data Structures and Algorithms, Object Oriented Programming, Database Management System, Data Science, Artificial Intelligence, Computer Networks, Operating Systems, Information Theory, Digital Signal Processing, Embedded Systems, Digital System Design

Positions of Responsibility

IETE Students Chapter, TIET

Executive Member • AI/ML Mentor

January 2022 - July 2023

Rotaract Club of TIET

Vocational Services • Editorial Board

January 2022 - December 2022

AIESEC International - AIESEC in Patiala

Marketing Lead • Senior Executive Member • Management Body

Core Committee Vice President Event Management

Organizing Committee Vice President Logistics

February 2022- July 2023

November 2022

May 2022