ANSHUL AHIRWAR

Final year student at IIIT Allahabad

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EDUCATION

B.tech in Information Technology

Indian Institute Of Information Technology (IIIT-A), Allahabad

📅 July 2018 – Present

CGPA : 7.64/10 (up to 6th semester)

12th TSBIE (Telangana State Board of Intermediate Education)

FIITJEE Dilsukhnagar, Hyderabad

📅 July 2016 – April 2018

Percentage: 86.4/100

10th CBSE

Mount Carmel Global School, Hyderabad

📅 April 2016

CGPA : 9.4/10

LANGUAGES

English ●●●●●

Hindi ●●●●●

Telugu ●●●○○

PROJECTS

Car Renting/Sale Website

Course Project

📅 Feb-Mar '20 📍 IIIT Allahabad

As a part of the Course Project, under Course Software Engineering, developed a car renting and sale site which enabled users to buy/sell/rent cars on the same platform. I was responsible for creating the database with MySQL and a part of frontend development.

Heart Disease Diagnosis using SVM and Logistic Regression Model

Mini Project

📅 Sep-Nov '20 📍 IIIT Allahabad

Compared Logistic regression and different SVM models with kernels to perform Heart Disease Diagnosis. Soft Margin SVM outperformed other models with 82% test accuracy and 87% train accuracy.

Anomaly detection models for IoT time series data

Course Project

📅 Mar '21 📍 IIIT Allahabad

Implemented different models for anomaly detection.
- Running Average Low-High Pass Filter
- Univariate Gaussian Predictor
- Seasonal ESD Algorithm
- Local Density Cluster-Based Outlier Factor (LDCOF)

Page Object Detection in Document Images

Mini Project

📅 Feb-May '21 📍 IIIT Allahabad

The aim of this project was to detect document structured objects such as Tables, Paragraphs, Formulas and Figures automatically and also extract the content of the Tables with the help of *pytesseract*. This was implemented by Binarizing the image, performing Morphological Operations, applying kernels, performing Connected Component Analysis and finally applying OCR (Optical Character Recognition) to extract the table.

STRENGTHS

Relevant Coursework

Data Structures and Algorithms | DBMS
Object Oriented Methodology | Data Mining
Operating Systems | Software Engineering
Machine Learning | Computer Vision
Robotics & Industrial Automation | AI

Programming Languages

C | C++ | Python | Java | MATLAB

Web Technologies

HTML | CSS | JavaScript | MySQL

Software & Tools

Latex | MS Office | LibreOffice

Logical and Analytical Reasoning
Competitive Coding | IQ