Ayush Bhut

Pre-Final Year | Computer Science & Engineering | IIT Jodhpur
bhut.1@iitj.ac.in | +91 9426278580

EDUCATION

IIT JODHPUR
B.TECH. IN COMPUTER SCIENCE & ENGINEERING
2021-2025 | Jodhpur, India
CGPA : 7.23/10 (till 4th Sem)

VIDYADHISH VIDYASANKUL
CLASS 12TH, GUJARAT BOARD
March 2021 | Bhavnagar, India
Marks : 462 / 500
Percentage : 92.4%

SAINT MARY'S HIGH SCHOOL
CLASS 10TH, GUJARAT BOARD
March 2019 | Bhavnagar, India
Marks : 554 / 600
Percentage : 92.33%

LINKS

Github:// **Ayush0802**
LinkedIn:// **ayushbhut**
LeetCode:// **ayushbhut007**

COURSEWORK

UNDERGRADUATE
Data Structure And Algorithms
Pattern Recognition And Machine Learning
Software Engineering
Introduction to Computer Science
Maths For Computing
Digital Design

Ongoing Courses:
Operaring System
Design And Analysis of Algorithms
Database Management System

SKILLS

PROGRAMMING
• C • C++ • Python
Familiar with:
• MySQL • Verilog

MACHINE LEARNING
• Scikit-Learn • Scipy
• Numpy • Pandas

OTHER SKILLS
• Arduino Coding
• Problem Solving
Familiar with:
• Android Studio

PROJECTS

FACE DETECTION ATTENDANCE SYSTEM | SOFTWARE DEVELOPMENT
Feb 2023 - April 2023 | Python, MySQL, ML, Tkinter

- Created a Desktop Application for taking the Attendance of College Students using face detection.
- I have used LBPH Algorithm for face detection along with OpenCV in this Project.
- It has features to record or show Attendance, enter Student data along with their Photo Samples, save Attendance of each student, train data for the newly entered data.

MOVIE RECOMMENDATION SYSTEM | PRML COURSE PROJECT
March 2023 – April 2023 | Python, Numpy, Pandas, Scikit-Learn, NLP

- Used Kaggle dataset of Movies with their genre, rating, tags and views to train my Machine Learning Model.
- First model was made on the basis of genre and tags of the movies.
- Second model was made on the basis of KNN clustering.
- Third model was made on the basis of Collaborative Filtering (User Similarity).

YOUTUBE COMMENT CLASSIFICATION | PRML COURSE PROJECT
March 2023 | Python, Pandas, Sklearn

- Created a ML model to identify Spam and Ham Comments.
- Used Kaggle dataset of Youtube Comments to train my ML model.
- In this I used different Clustering Algorithms such as K-Means, DBSCAN, Spectral and Agglomerative.

TIC-TAC-TOE GAME | SOFTWARE PROJECT
Jan 2023 | Python, C++

- Created a User Interactive Tic-Tac-Toe game in Python using Tkinter library.
- Also Made a simple Tic-Tac-Toe game using C++.

SMART NAVIGATION STICK | IOT BASED PROJECT
April 2022 - June 2022 | Arduino

- Made a navigation smart stick for the visually impaired people using arduino, ultrasonic sensors, etc to help them move safely on the streets.

OTHERS

- I like to do Competititve Programming over different Platforms such as LeetCode and CodeForces.
- Appointed as **Assistant Head - Event Management Team** of IIT Jodhpur's Annual Cultural Fest **IGNUS**.
- Year 2021 - JEE ADVANCED 21: - Qualified in Top 1% among 1 million JEE aspirants.