

Vivek Goel

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EDUCATION

Veer Surendra Sai University of Technology <i>Bachelor of Technology in Computer Science and Engineering</i>	Burla, Odisha 2020 – 2024
Ramsheth Thakur Public School <i>Intermediate and Matriculation</i>	Kharghar, Navi Mumbai 2016 – 2020

PROJECTS

Book Recommendation System Project Link	FEB 2023
<ul style="list-style-type: none">In this project I have created a Collaborative Filtering Based Recommendation System. In this project I have chosen more than 700 Books to make the recommender system. The Project has been deployed at Streamlit Cloud.	
Olympic Data Analysis Project Link	Jan. 2023
<ul style="list-style-type: none">This is an data science project on Olympic Games. The dataset selected here includes information from every Olympic Games until 2016. It consists of an in-depth analysis of every single detail of the Summer and Winter Olympic Games staged in various nations throughout the world. Here, I have analysed the data from the viewpoints of both current and potential players from various nations.	
Movie Recommendation System Project Link	Jan 2023
<ul style="list-style-type: none">I have developed a content-based movie recommendation system for this end-to-end project that offers 5 best picks depending on the film you've seen. It has a dataset of more than 4000 movies for recommendations. The unique movie poster is also loaded using the TMDB api. The finished product that was put into use also offers a section for well-known films and allows you to sort films by genre.	
Students Adaptability to Online Learning Project Link	JUL 2022
<ul style="list-style-type: none">With the help of some factors as input I was able to predict if the student can be adapted to online learning.The model made in this project has a weighted average F1 Score of 0.92.	
Sports Person Identifier Project Link	Feb 2022
<ul style="list-style-type: none">The ML model can identify a selected number of Sports Person from their photographs.	

EXPERIENCE

Avionics System Lead <i>VSSSIC</i>	Jan 2023 – Present <i>Burla, Odisha</i>
<ul style="list-style-type: none">I am the Avoinics Lead of VSSSIC(Veer Surendra Sai Space Innovation Centre) which was established under the MOU with ISRO.I am also the lead of the data acquisition and analysis team.	
Techno-Management Team member <i>Idea Innovation Cell</i>	Aug. 2021 – Present <i>Burla, Odisha</i>
<ul style="list-style-type: none">I am a techno-management team member of IIC(Idea Innovation Cell) which has organised many different events and space expo in our college.We also have Limca Book of records and India Book of records in our club's name for different technical projects.	

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, Arduino
Developer Tools: Git, VS Code, Visual Studio, PyCharm, Arduino IDE, Excel, Powerpoint
Libraries: pandas, NumPy, Matplotlib, Sklearn, Tensorflow, Seaborn, Plotly, Streamlit
Technologies: Machine Learning, Data Science, Deep Learning, Computer Vision, Arduino based subsystem

COMPETITIONS

Participated in Google HASHCODE	2022
Inter College level Science and Math Exhibitions	2019 - 2020
Game Jam Titans Winners (Mumbai)	2015