YASH CHAUDHARI

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Professional Summary

Dedicated and reliable student leveraging studies in Data science and Machine learning seeks real-world experience in the same field. Offers strong interpersonal and task prioritization skills. Eager to contribute towards research through hard work and attention to detail. Clear understanding of Machine Learning and certifications in Data Science. Motivated to learn and grow more.

Education

Bachelor of Engineering (B.E): Electronics And Telecommunication   Expected in 06/2023
Pune Institute of Computer Technology (PICT), Pune - Pune
Honors course in Artificial Intelligence and Machine Learning.
First year SGPA : 9.59 / 10
Second year SGPA : 9.57 / 10

12th Science   03/2019
Suryadatta Public School - Pune
Awarded as the 'Performer of the year.'

10th CBSE   03/2017
Sri Sri Ravishankar Vidya Mandir - Pune
CGPA : 10/10
Aggregate score : 94%
Awarded as 'Most promising student of the year'

Skills

- **Programming languages :** Python, C, C++
- **Machine learning :** ML Libraries and Algorithms, Natural Language Processing, Statistical Modelling.
- **Data science :** Data Analysis and interpretation, Data Visualization, Web scraping, Data cleaning, Numpy and Pandas.
- **Computer vision :** OpenCV, Image processing, pattern recognition.

Work and Projects History

Project Intern   10/2021 to Current
Shunya AIOT
Working on object detection and image processing using OpenCV for microscopic cell detection. Used various edge detection and pixel level object classification algorithms.

Project-Two Factor Authentication Face Recognition   10/2021 to Current
Individual project
Designed this end to end dual factor authentication application using python, OpenCV, numpy, MongoDB and Streamlit. Working on adding additional features like a chatbot to resolve human queries.

Project - Movie Recommendation System   08/2021 to 10/2021
Individual project
Designed an end to end Movie recommendation system using the word embeddings 'Bag of Words' approach and advanced vectorization techniques.

Project - Price Prediction Systems   06/2021 to 07/2021
Individual project
Performed data science operations on kaggle datasets of car prices and flight fares and further designed the prediction systems using Linear regression and web development.

Project - Smart Card for College Campus   01/2021 to 03/2021
Under the guidance of Prof. S.L Dhende
Worked on MongoDB, NodeJS, JavaScript to design a students web portal to monitor their attendance and payment activities inside the campus. All these activities were recorded through a RFID based smart-card specifically designed for our college campus.

Project - Time Table Generation Assistant   01/2020 to 04/2020
Under the guidance of Prof. N.V Sangade
Used python to design a constraint specific time table generation assistant to ease out the strenuous time table generation process for faculty members.

Volunteering experience

Volunteer, *Philants NGO*
Working as a volunteer at Philants NGO, organizing food donation drives and awareness programs.

Sponsorship team member, *PCSB*
Worked in the sponsorship team of PCSB for the event 'XENIA 21'

Publicity team member, *PCSB*
Worked as a Publicity team member in PCSB publicising the Girlscript India course.