Devansh Bansal

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EDUCATION

Indian Institute of Technology, Jodhpur Jodhpur, IND

Bachelor of Technology in Computer Science And Engineering *Nov. 2020 – Present*

Current CGPA: 9.26

Baroda High School (O.N.G.C.), Vadodara Gujarat, IND

P-C-M with Computer Science *May 2013 – May 2020*

Percentile: 99.88

PROJECTS (LINKS ON GITHUB; NON-DEPLOYED PROJECTS ARE AVAILABLE ON LOCAL HOST)

To Do List WebSite | *Python, HTML, CSS* May 2022 – Present

- Developing a website using Python, HTML, CSS; which handles the to-do list of the user, and also gives reminders based on deadline.
- Currently in developing phase, hence GitHub Repository is private.

OCR WebSite | *Python, HTML, CSS* Feb 2022 – Apr 2022

- Developing a website using Python, HTML, CSS; which gives text written on the image (Optical Character Recognition) using Pytesseract Library, along with all theoretical documentations.
- Can retrieve texts from multiple images on a single docx file/pdf file

Heart Stroke Prediction | *Python, Machine Learning, sklearn* Apr 2022 – Apr 2022

- Developing a whole pipeline, which will predict the occurrence of Heart-Stroke.
- Using different approaches to make prediction more accurate, thus making model more useful
- Try is to minimize False-Negative Rate

Flight Price Prediction | *Python, Machine Learning, sklearn* Apr 2022 – Apr 2022

- Developing a whole pipeline, which will predict the prices of flight tickets
- Using various ML Models to get a general and accurate model
- Try is to predict the prices accurately in festive season also
- Started deploying the model on a fully developed and hosted website, which can be useful to everyone

Region-of-Interest and Interestingness Score in VR | *Python, OpenCV, Pillow* Dec 2021 – Dec 2021

- Finding a particular Region-Of-Interest while viewing whole 3D space in VR, to increase speed of transmission, along with less data-loss.
- Also finding Interestingness Score of a particular Region-Of-Interest (ROI)
- Different Results for short and long exposure to VR, based on Human Cognitive Sense

UNDERGRADUATE COURSES

Pattern Recognition and Machine Learning, IIT Jodhpur Jan 2022 – Apr 2022
Grade: 9/10

Data-Structures and Algorithms, IIT Jodhpur Aug 2021 – Nov 2021
Grade: 9/10

Introduction to Computer Science, IIT Jodhpur Dec 2020 – Feb 2021
Grade: 10/10

OTHER SKILLS

Languages: C/C++, Python, django, HTML, CSS, Java, JS
Developer Tools: Git, VS Code, Visual Studio, PyCharm
Personal: Leadership Quality, Management Skills, Great Experience in TeamWork