Devansh Bansal  
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Education  
Indian Institute of Technology, Jodhpur  
Jodhpur, IND  
Bachelor of Technology in Computer Science And Engineering  
Nov. 2020 – Aug 2024  
Current CGPA: 9.52  
Baroda High School (O.N.G.C.), Vadodara  
Gujarat, IND  
P-C-M with Computer Science  
May 2013 – May 2020  
Percentile: 99.88  
Projects  
OCR Website | Python, HTML, CSS  
Apr 2022 – Present  
• Developing a website using Python, HTML, CSS; which gives text written on the image (Optical Character  
Recognition) using Pytesseract Library  
• Can retrieve texts from multiple images on a single docx file/pdf file  
COVID Detection using X-Ray Scans | Python, Neural-Nets, CNN, sklearn  
Apr 2022 – Present  
• Developing a whole pipeline, which will predict presence of COVID using X-Ray Scan  
• Using OpenCV, Pillow and others for Image Processing  
• 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  
Apr 2022 – Present  
• 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  
Region-of-Interest and Interestingness Score in VR | Python, OpenCV, Pillow  
Dec 2021 – Present  
• 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  
Signal Denoising-Deblurring model | Python, matplotlib, Convolution  
June 2021 – Jul 2021  
• Developed a Signal denoising-deblurring model to denoise and deblur images received as input  
• Used concepts of Convolution, Fourier Transform and Inverse Fourier transform  
• Used correlation as metric for our results  
Undergraduate Courses  
Data-Structures and Algorithms, IIT Jodhpur  
Aug 2021 – Nov 2021  
Grade: 9/10  
Software Engineering, IIT Jodhpur  
Jan 2022 – Present  
Grade: In Progress  
Pattern Recognition and Machine Learning, IIT Jodhpur  
Jan 2022 – Present  
Grade: In Progress  
Other Skills  
Languages: C/C++, Python, django, HTML, CSS, Java, JS  
Developer Tools: Git, VS Code, Visual Studio, PyCharm  
Personal: Leadership Quality, Management Skills