Devansh Bansal

Pre-Final Year | Computer Science and Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR
B.Tech in Computer Science and Engineering
May 2024 | Jodhpur, India

Cumulative GPA: 9.25 / 10
(Upto 4th Semester)

B.H.S (ONGC)
Class 12 | HSC
May 2020 | Vadodara, India
Percentile: 99.88

Class 10 | SSC
May 2018 | Vadodara, India
Percentile: 99.81

SKILLS

LANGUAGES
Proficient:
• C • C++ • Python
Familiar:
• HTML • CSS • JavaScript • Java
• django

OTHER SKILLS
• Competitive Programming
• Problem Solving
• Web Development
• App Development

LINKS

Github:// **DevanshBansal1604** ⬈
Codechef:// **dbansal1604** ⬈
Coding Ninjas:// **Devansh Bansal** ⬈
LinkedIn:// **Devansh Bansal** ⬈

COURSEWORK

UNDERGRADUATE
• Data Structures and Algorithms
• Software Engineering
• Mathematics For Computing
• Pattern Recognition and Machine Learning
• Introduction To Computer Science
• Probability, Statistics and Stochastic Processes

PROJECTS

OCR WEBSITE | SE Major Course Project
Feb 2022 - Apr 2022 | **Github** ⬈
- Developed 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
- Tech-stack: **Python, HTML, CSS, JS**

TO DO LIST WEBSITE | Self Project
May 2022 – June 2022 | **Github** ⬈
- Developed a website using Python, HTML, CSS; which handles the to-do list of the user.
- It also prioritizes and highlights tasks based on deadlines approaching.
- Tech-stack: **Python, HTML, CSS, JS, DSA**

HEART STROKE PREDICTION | PRML Major Course Project
Apr 2022 - Apr 2022 | **Google Drive** ⬈
- Developed 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.
- Tech-stack:**Python, Machine Learning, sklearn**

FLIGHT PRICE PREDICTION | PRML Minor Course Project
Apr 2022- Apr 2022 | **Google Drive** ⬈
- Developed 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.
- Tech-stack: **Python, Machine Learning, sklearn**

REGION-OF-INTEREST AND INTERESTINGNESS SCORE IN VR | Design Credit Project
Dec 2021 - Dec 2021 | **Stored in Local Storage**
- 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
- Tech-stack: **Python, OpenCV, Pillow**

ACHIEVEMENTS

- **B.Tech 2nd Year** Changed branch to **CSE** from MECH
- **B.Tech 1st Year** Secured **Rank 1** in 20-24 Batch
- **JEE-ADV 2020** Secured **6817** rank in JEE ADVANCED 2020
- **JEE-Mains 2020** Among **top 1.5 percentile** of 1.5 Million Applicants

EXTRACURRICULAR

- Leader-Ship Skills.
- Great Experience in Team-Work.
- Management Skills.
- Core member of **Drama Club, IIT Jodhpur**.