

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

DEPARTMENT RANK: 1

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:

Java • JavaScript

WEB

Django (Python) • HTML • CSS •
Bootstrap

OTHER SKILLS

- Competitive Programming
- Problem Solving
- Web Development
- App Development

LINKS

Github:// [DevanshBansal1604](#)

GFG Practice:// [bansal11](#)

Coding Ninjas:// [Devansh Bansal](#)

Codechef:// [dbansal1604](#)

CodeForces:// [Devansh_Bansal](#)

LinkedIn:// [Devansh Bansal](#)

COURSEWORK

UNDERGRADUATE

- Data Structures and Algorithms
- Software Engineering
- Mathematics For Computing
- Pattern Recognition and Machine Learning
- Human Machine Interaction
- Foundations of Quantum Information
- 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.
- Applied GridSearchCV and also VotingClassifier to find the best results based on the top-3 models. Main focus was 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
- Applied GridSearchCV and also VotingClassifier to find the best results based on the top-3 models. Main motivation was 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

- **Jumpstart** Cleared Successive Rounds of Hackathon organized by Publicis Sapient.
- **CodeChef** Secured Global Rank 99 in May Long Challenge 2022
- **B.Tech 2nd Year** Changed branch to CSE from MECH
- **B.Tech 1st Year** Secured Rank 1 with CGPA 9.67/10 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

- Leadership Skills. • Great Experience in Teamwork. • Management Skills.
- Communication Skills. • Core member of **Drama Club**, IIT Jodhpur.