

Devansh Menaria

Third Year Undergraduate | Computer Science Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR

THIRD YEAR B.TECH IN COMPUTER SCIENCE

Expected 2024 | Jodhpur, India
Cum. GPA: 7.88 (Sem 4)

DPS, UDAIPUR

CLASS 12 | CBSE
2020 | Udaipur, India
Percentage: 94.2%

DPS, UDAIPUR

CLASS 10 | CBSE
2018 | Udaipur, India
Percentage: 95.2%

COURSEWORK

UNDERGRADUATE

Pattern Recognition and Machine Learning
Data Structures and Algorithms
Operating Systems
Software Engineering
Database Management Systems
Computer Architecture
Design analysis of Algorithms
Principles of Programming Languages
Maths For Computing
Probability and Statistics
Mathematics- I, II

SKILLS

PROGRAMMING

Proficient:

•Python • C++

Familiar:

•Java • Java Script

WEB

•HTML/CSS/Bootstrap
•Django •Express Js •MongoDB
•Node.js •React

OTHERS

•Adobe Premiere Pro •Adobe After Effects •Adobe Photoshop •Adobe Illustrator •Adobe Audition

RESEARCH & PROJECTS

CPU SCHEDULER VISUALIZER | COURSE PROJECT

Mentor: Dr. Suchetana Chakraborty | Aug 2022 – November 2022

- Applied wide range of CPU scheduling algorithms such as FCFS, LJF, Priority, Round Robin etc. to make a dynamic scheduler for understanding and visualising the different scheduling algorithms.
- HTML, CSS, JS, Node.js

ACTIVE NOISE CONTROL | DESIGN CREDIT PROJECT

Mentor: Dr. Amrita Puri | December 2021 – May 2022

- Worked on understanding active noise control using different basic algorithms like FxLMS, FxBPNN. Worked on implementing ANC using RNN, RBF and Deep RNN.
- Matlab

DESIGN CREDITS PORTAL | COURSE PROJECT

Mentor: Dr. Suman Kundu | March 2022 - April 2022

- Portal for communication between Professors and Students of IITJ regarding Design Credits Project Applications.
- Solved problem for faculty compiling and communicating with students
- Django, Bootstrap

FLIGHT TICKET PRICE PREDICTION | BONUS COURSE PROJECT

Mentor: Dr. Richa Singh | May 2022

- Applied ML techniques to make an estimator that predicts flight ticket prices.
- Created an interactive front-end page for the user to enter the flight details.
- Jupyter Notebook, Python, HTML, CSS, Flask

TIME TABLE MANAGER | COURSE PROJECT

Mentor: Dr. Romi Banerjee | Aug 2022 – November 2022

- Developed a time table manager that allows students, admin and class representatives with an effective medium of communication of important information such as time table, notices and personal time tables.
- PHP, MySQL Database, HTML, CSS, and JavaScript

POSITIONS OF RESPONSIBILITIES

2022-2023 **Vice-President**, Board of Art Culture | Student Activity Council, IIT Jodhpur

- Represented Managed 8 different societies as a part of Board of Art Culture in Student Senate IIT Jodhpur.

2021-2022 **Joint Secretary**, The Film Making and Video Editing Society | Board of Art and Culture, IIT Jodhpur

- Lead the society of 100+ members and managed its activities related to Film Making and Video Editing.

2021-2022 **Student Guide** | Student Well-being Committee, IIT Jodhpur.

- Guided 10 Freshers and helped 450+ students during the registration process, conducted different events as a part of student well-being committee

2022 **Assistant Head** | Prometeo, The Technical and Entrepreneurial Fest, IIT Jodhpur

- Managed the fest with an online footfall of over 5000 attendees.