PRIYANSH DALSANIA

🏠 Vadodara, Gujarat ⋄ 📞 +91 9426616187

✉ priyansh81@gmail.com ⋄ ⓞ prd81 ⋄ in priyansh81 ⋄ 🔗 prd81.github.io

EDUCATION

Institute	Level	Duration	Overall Score
IIIT Hyderabad	BTech in CSE	2016-20	7.28/10.0
DPS Harni	Class XII	2015-16	94.4%
DPS Harni	Class X	2013-14	10.0/10.0

TECHNICAL SKILLS

Worked with Python, C/C++, JS, HTML, Git, Flask, Django, SQL

PROJECTS

PhotoComplete 🔗 *Python, Flask, JS*
· Built a Flask WebApp to restore damaged or edited images.
· Inpainting done using OpenCV's TELEA and Navier-Stokes algorithms.

AI bot for Extreme TicTacToe 🔗 *Python*
· Worked in a team of 2 people and came up with a heuristic for Extreme TicTacToe (4x4x4x4).
· Uses iterative DFS along with alpha-beta pruning.

2D game with OpenGL 🔗 *C++, OpenGL*
· Created a 2D single-player game using OpenGL.
· Modelled on real-world physics rules like restitution, gravity, friction, and magnetism.

Celebrity Face Classification 🔗 *Python, NumPy*
· Built Linear GD, and Naive Bayes Classifiers, with PCA, from scratch for multi-class classification.
· Achieved 75% accuracy on test data, with randomly selected training set.

ACADEMIC ACHIEVEMENTS

Dean's List 2 (Top 10%) for Monsoon 2018 semester, and Merit List (Top 20%) for Spring 2019 semester.

Ranked in National Top 0.05% (of 1.2 million candidates) in JEE Mains 2016, and Top 5% (of 150,000 candidates) in JEE Advanced 2016.

Qualified for KVPY 2016 scholarship (1500/50,000 candidates), Indian National Olympiads for Junior Science 2014, Physics 2015 & 2016, and Astronomy 2016 (Top 300/30,000 candidates each).

TEACHING ASSISTANT

Designed and evaluated assignments, graded exams, conducted tutorials for Discrete Structures (UG1), Monsoon 2018, and Complexity and Advanced Algorithms (UG3+), Monsoon 2019.

EXTRA-CURRICULAR ACTIVITIES

Represented College Table Tennis Team at Inter College Sports Meet, 2019.

Volunteered at College Help Cell to teach Linear Algebra, to underperforming UG1 students, 2019.