

Dheeraj Reddy Pailla

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EDUCATION

IIIT, HYDERABAD

B. TECH (HONOURS) IN COMPUTER SCIENCE & ENGINEERING
2016-2020 | Hyderabad, India
CGPA: 7.81 / 10.0
Major GPA: 8.31 / 10.0

MODERN INDIAN SCHOOL

Grad. May 2016 | Doha, Qatar

COURSEWORK

Computer Programming, IT WS-I,
Data Structures, IT WS-II,
Computer System Organization,
Structured Systems Analysis and Design
(*Teaching Assistant - Monsoon 2018*),
Operating Systems, Introduction to DB,
Algorithms, Artificial Intelligence,
Computer Networks, Graphics,
Privacy and Security in Social Media,
Statistical Methods in AI, Digital Image
Processing

SKILLS

Machine Learning:

PyTorch

Web Dev:

React • Angular 4 • Flask • Gin

Mobile:

Ionic • React Native

Graphics:

OpenGL • WebGL

Miscellaneous:

C • C++ • Python • Go • Matlab

Design:

Photoshop • Illustrator

POSITIONS

Member of IIIT's Students' Parliament
since 2016

Clubs Council Secretary in 2018,
Undersecretary in 2017

Liaison to the Campus Management and
Advisory Council

Volunteer for TEDx Hyderabad 2016

Member of Organizing Committee for
IIIT's Model United Nations in 2017

Volunteer for the Campus

Canine-management Council

EXPERIENCE

COMMERCIAL BANK OF QATAR | SOFTWARE ENGINEERING INTERN

June 2017 – July 2017 | Doha, Qatar

- Mobile Developer - Developed hybrid mobile applications

TRI3D | SOFTWARE ENGINEERING INTERN

August 2017 – November 2017 | Hyderabad, India

- Mobile Developer - Developed Android applications to simulate a virtual fitting room for sarees

FELICITY 2018 | WEB DEVELOPER

Jan 2018 | Hyderabad, India

- Designed and developed the website for Felicity, the annual techno-cultural festival of IIIT-H.

RESEARCH

CVIT | UNDERGRADUATE RESEARCHER

May 2018 – | IIIT, Hyderabad

Working at Centre for Visual Information Technology with **Prof C V Jawahar** on person detection & recognition for an autonomous robot, and automated analysis of broadcast soccer matches.

PROJECTS

FOOTBALL ANALYSIS

Automated analysis of broadcast soccer matches

AUTONOMOUS ROBOT

Person detection and recognition modules, using SSD and YOLOv3

HATE SPEECH ANALYSIS

Analysing hate speech on Gab

BIRD-V-DRONE

Classifier to distinguish between birds and drones

BASH

Implemented the bash terminal in C

ULTIMATE TIC TAC TOE

Bot that plays Ultimate Tic-Tac-Toe on a 4x4x4x4 grid

PASTEBIN

Replica of the Pastebin website

PROXY SERVER

Proxy server in Python

BOMBERMAN

Replica of the Bomberman game in Python

PACMAN KILLER

2D replica of the Pacman Killer game in C++ using OpenGL

LEGEND OF ZELDA

3D replica of the Legend of Zelda game in C++ using OpenGL

TUNNEL RUSH

3D replica of the Tunnel Rush game in Javascript using WebGL