

E-13, Palash Nivas, IIIT-H
500032 Hyderabad
India

+91 7981162965

✉ dheerajpreddy@gmail.com

📁 dheerajpreddy.github.io

Dheeraj Reddy Pailla

Education

- 2016– **B.Tech (Honours) in Computer Science & Engineering**, *International Institute of Information Technology*, Hyderabad, CGPA: Major - 8.2/10, Overall - 7.58/10.
- 2007–2016 **AISSCE**, *Doha Modern Indian School*, Qatar, 90.2%.

Experience

Vocational

- June 2017 **Software Development Engineer Intern**, *Commercial Bank of Qatar*, Doha.
Developed hybrid mobile applications for the bank using Angular 4, Ionic and occasionally with React Native.
- Aug-Nov 2017 **Software Development Engineer Intern**, *TRI3D*, Hyderabad.
Developed Android applications to simulate a virtual fitting room for sarees.
- Jan 2018 **Web Developer**, *Felicity 2018*, IIIT Hyderabad.
Designed and developed the website for Felicity, the annual techno-cultural festival of IIIT-H.

Research

- May 2018– **Undergraduate Researcher**, *Center for Visual Information Technology*, IIIT Hyderabad.
Analysis of broadcast soccer matches under the guidance of Dr C V Jawahar

Teaching

- Sep 2018– **Teaching Assistant**, *Structured Systems Analysis and Design*.
SSAD is the core undergraduate software engineering course offered at IIIT-H. Responsibilities included preparing assignments, evaluating them and teaching.

Projects

Research

- Autonomous Robot Developed the person detection and recognition modules under the guidance of Dr Jawahar
- Football* Analysis of broadcast soccer matches under the guidance of Dr C V Jawahar
- Snapchat* Analysis of Snapchat stories under the guidance of Dr Ponnurangam Kumaraguru ("PK")

Course

- Gab* Exploratory analysis of hate speech on the social media website Gab
 - BirdvDrone* Classifier to distinguish between birds and drones using image processing features
 - Bash Implemented the bash terminal in C using system commands.
 - Tic-Tac-Toe Made a bot that plays Ultimate Tic-Tac-Toe on a 4x4x4x4 grid.
 - Felicity Developed the website for Felicity 2018
 - Pastebin Made a replica of the Pastebin website.
 - Proxy Server Made a proxy server in Python
 - Bomberman Made a replica of the Bomberman game in Python without any external libraries.
 - Pacman Killer Made a 2D replica of the Pacman Killer game in C++ using OpenGL.
 - Zelda Made a 3D replica of the Legend of Zelda game in C++ using OpenGL.
 - Tunnel Rush Made a 3D replica of the Tunnel Rush game in Javascript using WebGL.
- * - Currently ongoing projects

Skills

- Web Dev Angular 4, React, Flask, Gin
- Mobile Ionic, React Native
- Graphics OpenGL, WebGL
- Other C, C++, Python, Go, Matlab, Bash

Relevant Courses

Computer Programming, IT WS-I, Data Structures, IT WS-II, Computer System Organization, SSAD, Operating Systems, Introduction to Databases, Algorithms, Artificial Intelligence, Computer Networks, Graphics, Privacy and Security in Online Social Media*, Statistical Methods in AI*, Digital Image Processing*

* - Courses currently taken

Miscellaneous

- Parliament Member of IIIT's Students' Parliament since 2016.
- Clubs Council Secretary in 2018, Undersecretary in 2017.
- CMAC Liaison to the Campus Management and Advisory Council
- TEDx Volunteer for TEDx Hyderabad 2016
- IIIT-MUN Member of Organizing Committee for IIIT's Model United Nations in 2017.
- CCC Volunteer for the Campus Canine-management Council