Student Profile

Indian Institute of Technology Hyderabad

Basic Summary

Student Name	:	PULAPA PAVAN
Gender	:	Male
Date Of Birth	:	07/01/1999
Summary	:	A fourth year undergraduate with fine foundations in the field of computer sciences and electrical engineering. Quick learner with interest in learning new subjects and self motivated team member who enjoys sharing new ideas and mentoring others. First-rate analytical and problem solving skills, dedicated to maintaining high quality standards, planning and managing projects from initiation to realization.
Extracurricular Activities	:	Fine leadership and management skills gained by taking up the post of Coordinator, Behind the Lens, IIT Hyderabad. Attained good presentation and communication skills by presenting and organizing multiple events as a core member of the Rangdemanch club, IIT Hyderabad.

Current Degrees

Degree	Batch
B.Tech Electrical Engineering	2016AUG

Prior Qualifications

Degree	Degree Category	Institute	Year	Score Type	Score
10th	Full Time	SRI CHAITANYA TECHNO SCHOOL	2014	CGPI(Scale of 10)	9.50
10+2	Full Time	SRI CHAITANYA JUNIOR KALASALA	2016	Percentage	96.70

Certifications

Title : KVPY(Kishore Vaigyanik Protsahan Yojana) **Year :** 2015

Remarks : KVPY Fellowship award in year 2015.

Skills

Skill	Version	Skill Level	Last Year Used	Years Used	Months Used
Data Structures		Expert	2019	3	0
C++	C++17	Expert	2019	3	0
MATLAB	2018b	Expert	2019	2	0
FPGA	Icoboard	Beginner	2019	0	3
C	C11	Expert	2019	3	0
Python	3.6	Expert	2019	3	0
Verilog	IcarusVerilog	Beginner	2018	0	6
MySQL	5.1	Beginner	2018	0	3
OOPS		Intermediate	2018	0	6

Areas Of Interest

Software Development Engineer, Data Scientist

Internship

Supervisor Name	:	Gopinath Tanduri	**Location**	:	XYZ Innovations ,Hyderabad
From	:	May-2019	**To**	:	Jul-2019
Intern Details	:	1.Construction stage classification using Deep Learning. 2.Extracting car OBD values from time to time using OBD II and raspberry pi.			
Skills Used	:	Python,Deep Learning.			

Project

Title	:	XOR Shift	**Client**	:	Dr GVV Sharma
From	:	Feb-2019	**To**	:	Apr-2019
Role	:	Programmer	**Role Description**	:	Developed a code for XOR-shift and XOR-shift+ algorithm.Displayed the pseudo Random number using Arduino and 8 bit display.
Team Size	:	2	**Project Location**	:	IIT Hyderabad
Skills Used	:	Arduino ,Ico-board,iverilog.			
Project Details	:	Implemented XOR-shift algorithm to produce pseudo random number and done it using FPGA and Arduino			

Title	:	Pedestrian counting from cctv footage using Object detection(YOLO)and tracking	**Client**	:	Dr Sumohana Chanapayya
From	:	May-2018	**To**	:	Jul-2018
Role	:	Programmer	**Role Description**	:	Dealt with Pedestrian detection in an image using YOLO framework and also dealt with Open CV multi tracker.
Team Size	:	3	**Project Location**	:	IIT Hyderabad
Skills Used	:	python ,YOLO framework,Open CV.			
Project Details	:	Developed an algorithm to detect and track pedestrians and keep a count on them using python,YOLO framework and OpenCV			

Title	:	ECG analysis using Deep Learning	**Client**	:	Dr Soumya Jana
From	:	Jan-2018	**To**	:	May-2018
Role	:		**Role Description**	:	Responsible for completing the work assigned during project.
Team Size	:	1	**Project Location**	:	IIT Hyderabad
Skills Used	:	Python ,Matlab,Auto-Encoders,convolutional neural networks.			
Project Details	:	1.Removing noise from ECG signal using Auto-Encoders. 2. QRS complex detection in ECG signal using convolutional neural network and also Deep Auto-Encoder.			

Languages

Language	Read	Write	Speak	Proficiency
Hindi	Y	Y	Y	Proficient
Telugu	Y	Y	Y	Expert
English	Y	Y	Y	Expert