Basic Summary

Student Name	:	G PREETHAM REDDY
Gender	:	Male
Date Of Birth	:	19/08/1998
Summary	:	A fourth-year undergraduate with fine foundations in the fields of computer sciences, machine learning and electronics, and communications engineering. Quick learner with interest in learning new concepts and self-motivated team member who enjoys sharing new ideas and mentoring others. Having very good analytical and problem-solving skills.
Extracurricular Activities	:	Fine management skills gained by working up as the core member of a movie-making club called(BTL). A member of NSO cricket 2016 batch.

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 Jr kalasala	2016	Percentage	97.90

Skills

Skill	Version	Skill Level	Last Year Used	Years Used	Months Used
FPGA		Beginner	2019	0	6
Verilog		Beginner	2019	0	6
C++		Intermediate	2019	1	0
C		Expert	2019	2	8
Python		Expert	2019	2	8
Data Structures		Expert	2019	2	0
MATLAB		Expert	2018	2	0

Areas Of Interest

Machine learning and Image processing.

Internship

Supervisor Name	:	Anuj Chopra		**Location**	:	Bangalore
From	:	May-2019		**To**	:	Jul-2019

Intern Details	:	Worked at Ajio Business as a Data analyst and successfully completed the projects assigned to me. The titles of the projects are "Visual search" and "Comparing common product line(images)". The first project is divided into two sub-projects(Creating a bounding box of the input image and finding the nearest image in the given dataset). In both of the sub-projects, a pre-trained Resnet-18 model is used for training. In the second project, the website URL's of the similar products between two shopping websites is stored in a CSV file(This can be used to compare the costs between them).
Skills Used	:	Image processing is done using a pre-trained Resnet18 model. Programming in python using the following computing packages. 1. Pytorch, 2. numpy, 3. pandas, 4. PIL, 5. P-Hash, 6. torch, 7. torchvision.

Project

Title	:	Self healing grid model		**Client**	:	
From	:	Aug-2017		**To**	:	Nov-2017
Role	:	Programmer		**Role Description**	:	Helped in programming part and also presented the project to the faculty.
Team Size	:	3		**Project Location**	:	
Skills Used	:	MATLAB				

Project Details	:	Self-Healing Grid is one of the important part of Smart Grid Technology. It automatically isolates the fault location and reroutes the power supply to the effected area. In the project we used power flow analysis and load

management techniques to isolate the fault location and
restore power without increasing the load on a particular substation.

Title	:	Robotic arm	**Client**	:	
From	:	Dec-2016	**To**	:	Jan-2017
Role	:	Project Leader	**Role Description**	:	The basic idea of the project is given by me. Helped in programming and also fixing the hardware parts.
Team Size	:	3	**Project Location**	:	IIT-Hyderabad
Skills Used	:	Arduino			
Project Details	:	Constructed a arduino controlled robotic arm which moves in the required direction as given by the inputs.			

Title	:	Digital clock	**Client**	:	
From	:	Sep-2016	**To**	:	Nov-2016
Role	:		**Role Description**	:	
Team Size	:	1	**Project Location**	:	IIT-Hyderabad
Skills Used	:	Arduino			
Project Details	:	Successfully completed 24 hour digital clock using ATMEGA-328 IC, 7 segment displays and arduino uno.			

Languages

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