Poojith U Rao
UG Student

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Interested in
Deep Learning
Software Development

Programming
C,C++,python
8051,AVR assembly

OS Exposure
Linux
Windows

S/W Exposure
Tensorflow,MATLAB
Atmel Studio
Android Studio
OpenCV,OpenGL

H/W Exposure
Raspberry pi
Atmega,8051
FIREBIRD V
TIVA,MSP430

Education

2015–2019	**Bachelor of Engineering in ECE** *CGPA : 9.22*	National Institute of Engineering
2013–2015	**12th Board** *percentage : 95.6% CET : 1180*	Vijaya Vittala PUC
2010–2013	**10th Board** *percentage : 95.36%*	Marimallappa High School

Projects

2018	**Speech to Text Conversion** *Tensorflow model with conv-resnet and RNN layers to convert English to text*	
2017	**Dogs vs Cats** *Multi-layer CNN to distinguish photos of cats and dogs*	
2016	**PINTOS - 1** *Implemented priority scheduling and priority donation in PINTOS*	Stanford University
2018	**Gesture Contolled Music System** *Gestures detected by OpenCV library was used to control the music*	

Curriculum Projects

2018	**Automatic object Classisfication** *Robot which classifies large and small blocks using image processing.The robot moves around the room in search of blocks if none are in its vicinity*
2017	**Smart Street Lamps** *Automatic brightening and dimming of street lamp based on the presence of cars using image processing*
2018	**2 Cars** *Graphics for the "2 cars" game was coded in c++ using glut library*
2018	**Digital TDM** *8-bit data on three channels were multiplexed along with 1 sync bit*
2017	**FM Transmitter** *FM station playing my favourite songs on 94.6Mhz*
2017	**Lab manual for AVR Assembly Language**

Other Activities

- Class Representative,Student mentor
- Completed GIAN Course on 'Big Data' with 'A' Grade
- Attended workshops on machine learning, Arduino, AVR
- Love cycling, cooking, music, novels and watching TV Series