Neha Dafedar

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Objective

To percieve knowledge in the field of robotics and embedded systems. Seeking for an internship and job in the robotics and embedded field

Education

\mathbf{Degree}	School/College	Passing year	Passing percetage
BE (ECE)	KLS Git Belagavi	2018-19	(current) cgpa 9.2
PUC 2	KLE's BK college Chikodi	2015	91.66%
SSLC	CTE society R D high school chikodi	2013	91.5%

Projects

- 1. Collector Bot:Collector robot for picking and dropping fresh fruits using atmega2560.V-rep software for simulation. Aruco markers for detecting aruco id and differentiating fresh and damaged fruit.Python programming for simulation and zigbee communication.
- Wheelchair: It is a Arduino based prototype of wheelchair which can
 be easily controlled using positioning the finger in the appropriate slot
 containing Proximity sensors. It also stops immediately on the occurance
 of obstacle.
- 3. **Hamming codes:**Implementing error detecting and correcting hamming codes using MATLAB.
- 4. **Complex Multiplier:**Implementing complex number multiplier using HDL.

Trainings

- **VLSI** :Fath IEEE online certification course started from Apr 2017 till Jun 2017. learnt verilog HDL programming
- **BEC business english** :Conducted by Cambridge university from june 2016 to august 2016.
- Arduino Workshop conducted by KLS Gogte Institute Of Technology Belagavi in May 2016 .
- **Design Thinking Workshop**:conducted by KLS Gogte Institute Of Technology, Belagavi in Jan 2018.
- Web designing: Basics of web designing from coursera and codeacademy.