

Neha Dafedar

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Objective

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

Education

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.
2. **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 occurrence 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 designhning from coursera and codeacademy.

Reaserch work:None

Technical skills

- C Programming(Intermediate)
- Arduino(Intermediate)
- Verilog(Intermediate)
- Python(Intermediate)
- Web designing(intermediate)

Soft skills

1. I have strong worh ethics.
2. Hard work
3. Dedication
4. I try my best to complete any task

co-curricular activities

1. 2nd prize in national level e-yantra robotics competition 2017-18(by IIT Bombay)
2. 3rd prize in paper presentation in Avalanche(by KLS git Belagaum)

Extra curricular activities:

1.Member of LEAD social innovation club

Personal Details:

Father's Name:Mahammadarif M Dafedar

Mother's Name:Sameena M Dafedar

Sex:Female

Date of Birth:1st April 1998

Nationality:Indian

Marital status:Unmarried

Reference:

- Prof. Roopa Kulkarni
Assistant Professor, KLS GIT, Belagavi.
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- Prof.Sagar Santaji
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