



RENUKA SHRIRAM DESHPANDE

B.E. - Electronics & Telecommunication Engineering (E&TC) - MIT,Pune

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KEY EXPERTISE / SKILLS

c Data Analytics Python Microsoft Excel Microsoft PowerPoint Teamwork

EDUCATION

Savitribai Phule Pune University 2016 - 2020

B.E. - Electronics & Telecommunication Engineering (E&TC) - MIT,Pune | CGPA: 8.13 / 10.00

Babasaheb Utangale Jr College Of Science, Akola-444001 2016

12th | MSBSHSE | Percentage: 82.15 / 100.00

Balshivaji High School, Akola-444005 2014

10th | MSBSHSE | Percentage: 95.00 / 100.00

PROJECTS

Facial Emotion Recognition Aug. 15, 2019 - May 31, 2020

Mentor: Prof.Dr.V.V.Gohokar | Team Size: 3

Key Skills: Python Tensorflow Database Camera Training & Development Coding

Facial expression recognition system is implemented using Tensorflow. I have used standard dataset Cohn-Kanade which has 593 image sequences and 123 subjects in this project. The system achieved 60.08 % accuracy and 0.68 precision on testing dataset. Facial expression recognition is performed in four-stages consisting of training, face detection, feature extraction and expression classification. In this project I applied algorithm for detection of facial region and thereby to identify the key five human emotions: happy, angry, sad, calm and surprised.

Automatic Bottle Filling Model Dec. 17, 2018 - March 17, 2019

Mentor: Mrs Kukade | Team Size: 2

Key Skills: IR Ultrasonic sensor

Automatic bottle filling plant is made by using Arduino. IR sensor is used to detect the bottle and ultrasonic sensor is used to measure the level of water in the bottle and accordingly to make up its volume.

Smoke Detector Aug. 10, 2018 - Oct. 27, 2018

Team Size: 2

Key Skills: Arduino MQ2 sensor

To detect the presence of LPG, Propane and Hydrogen, also to detect Methane and other combustible steam.

CO-CURRICULAR ACTIVITIES

- Participated in Texphyr 2017
- Participated in Mindspark googler event 2016 by COEP
- Participated in MITCOE-TESLA TOWNSHIP PLANNING 2016

EXTRA CURRICULAR ACTIVITIES

- MS-CIT course
- Genius Maths Contest 3rd winner(2006-2007)
- Participated in group dance competition
- Participated in MERC 2018

PERSONAL INTERESTS / HOBBIES

- Dancing
- Listening to music
- Travelling

WEB LINKS

- LinkedIn - <https://www.linkedin.com/in/renuka-deshpande-7675791b3>

PERSONAL DETAILS

Gender: Female

Marital Status: Unmarried

Current Address: Flat no. 3 , karivadan apartment, tapdia nagar,
Akola, Akola, Maharashtra, India - 444001

Emails: renuka.deshpandemit@gmail.com

Date of Birth: Nov. 21, 1997

Known Languages: English ,Marathi, hindi

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