

RESUME

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Career Objective:

To Obtain any challenging position in your organization that provides an opportunity to gain further exposure and wish to optimally utilize my potential and add value to the organization and myself.

Educational qualifications:

| Course | Institution | University/Board | Year | Percentage |
|------------------|--|---|-------------|---------------------|
| M.Tech (CSE) | Gudlavalleru Engineering College. | Jawaharlal Nehru Technological University, Kakinada | 2021 | 8.39 (till date) |
| B. Tech (CSE) | Gudlavalleru Engineering College | Jawaharlal Nehru Technological University, Kakinada | 2019 | 8.28 |
| Diploma (CSE) | AANM&VVRSR Polytechnic College, Gudlavalleru | State Board of Technical Education & Training, Andhra Pradesh | 2016 | 79.89 |
| SSC | Zilla Pradish High School, Mallavolu | Board of Secondary Education | 2013 | 8.0 |

Exposure:

Academic Projects

August 2020 to June 2021

Title: Underwater Image Enhancement Using Teleost Fish Retinal Mechanism.

Description: The main aim of this paper is to solve the issues of blurring and non-uniform color biasing that cause underwater image degradation. To correct the non-uniform color bias, color-sensitive horizontal cells provide input to cones, as well as a red channel compensation. The bipolar cells' center-surround opponent mechanism, as well as input It helps to enhance the output image's edges and contrasts by switching from amacrine cells to interplexiform cells, then to horizontal cells. Our model automatically guides the design of each low-level filter using global statistics (such as image contrast), allowing the main parameters to self-adapt.

- Coding Language : MATLAB
- Tool : MATLAB R2018a

Certificate of Publication:

International Journal of Engineering Science Invention (IJESI)

ISSN: 2319-6734 Vol-10 , Issue-06 series 2, JUNE 2021

DOI: 10.35629/6734-1006020113

August 2020 to December 2020

Title: A Review on FaceMask Detector Using Machine Learning and Image Processing

Description: Literature Survey on the new ways for face mask detection are being developed using Machine Learning. In this review, different techniques are discussed for facial mask detection. Mask detection is a very huge challenge. The architecture consists of the classifier MobileNetV2 and the optimizer ADAM as the backbone for high and low computation scenarios. Open CV, Tensor Flow, Keras, by using a Convolutional Neural Network Algorithm to detect whether or not a person is wearing a mask. But there were strong variations in facial mask detection and non-masked face detection accuracy.

Certificate of Publication:

Journal of the Maharaja Sayajirao University of Baroda

ISSN: 0025-0422

January 2019 to March 2019

Title: Speech to Text For Messaging.

Description: Speech to text is the process of converting spoken words into written text. Our project is capable to recognize the speech and convert the input audio into text; it also enables a user to perform operation such as send a message by providing voice input. So that he/she can contact to other persons by messaging through his voice as text.

Learnings:

1. I learned how to manage time under pressure.
2. And also learned how the messages are shared among non-educated people.
3. Teamwork, Designing of web pages.

Workshops:

- Participated in **Cloud Infrastructure Workshop** at Gudlavalleru Engineering College by APSSDC.
- Participated in “**Block-Chain Technology**” Workshop conducted by CSI in SRK College, Vijayawada
- Participated in “**Python**” workshop conducted by APSSDC.

Extra Curricular Activities:

- Participated in NSS in Gudlavalleru Engineering College.
- Participated in Technical Quiz on the Eve of GECFEST-2K17.
- Member of Computer Society of India(CSI).

Technical Skills:

| | | |
|-----------------------|---|---------|
| Programming Languages | : | C, java |
| Data Base | : | SQL |
| Web Technologies | : | HTML |

Skills:

- Adobe Photoshop
- MS Office
- Computer Hardware & Software Troubleshooting

Achievements:

- Received Second prize in the Comity Event Pictionary held at Gudlavalleru Engineering College.
- Received First Prize in Essay Writing Competition in my School.

Strengths:

- Creative and quick learning highly committed to goal accomplishments, willing to accept responsibility, dedicated, hard-working and possesses good Communication skills with positive attitude.

Hobbies:

- Listening Music.
- Internet Browsing.
- Photo Editing.
- Cooking and Gardening

Personal Details:

| | | |
|-----------------|---|-------------------------------|
| Name | : | Tummalagunta Hemalatha |
| Father Name | : | Tummalagunta Venkata Rama Rao |
| Date of Birth | : | 30/07/1998 |
| Marital Status | : | Married |
| Nationality | : | Indian |
| Languages Known | : | Telugu, English & Hindi |

Declaration:

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

Place :

Date :

(T.HEMALATHA)