

Venkata Anuhya Tummala

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EDUCATION

Indian Institute of Information Technology Kancheepuram, India

Dual Degree in Computer Science and Engineering

Jul 2019 - present
CGPA: 8.48/10.0, Current GPA -9.09

FIITJEE Visakhapatnam, India

Intermediate Education in MPC

2019
GPA: 9.8/10.0

Timpany school ICSE Visakhapatnam, India

Primary and Secondary Education

2017
Percentage: 93.7%

EXPERIENCE

Accelerate Vigyan, Science and Engineering Research Board · Internship

Software Design Intern

Nov 2022 - Dec 2022
Chennai, India

- Worked on applying interactive software design principles and transfer learning to design an API extraction software for sarcasm detection of tweets
- Skills- Figma (Software) · Human Computer Interaction · User Interface Design

IIITDM Kancheepuram

Web Developer, Internship

May 2021 - June 2021
Chennai, India

- Worked on the institute website for the automation of SRICCE department.
- Skills - PHP . MySQL

PROJECTS

Document summarization

Feb 2023-Present

- Using Machine Learning and NLP techniques to build a text summarize which helps in reading the articles faster.
- Skills - NLTK etc

Parallel Programming implementation of edges and boundaries of an image

Aug 2022-Dec 2022

- Implemented parallel programming techniques to parallelize the boundary and edge detection of an image and generate a pencil sketch of an image.
- Skills - OpenMP, MPI, CUDA, cpp

Leaf disease detection system

Nov 2022-Dec 2022

- A Machine Learning Program that uses CNNs to detect 9 tomato plant diseases that can be identified from the anomalies depicted on its leaf texture using various image segmentation techniques in Computer Vision and Machine Learning.
- Skills - cv2, tensorflow, matplotlib, os

Counting of number of vehicles through a place

April 2022

- Designed and implemented for counting number of vehicles when they pass through a CCTV camera which helps in the traffic management using Digital Image Processing techniques.
- Skills - openCV . Numpy .etc

TrackIt

Jan 2022 - April 2022

- As part of Product design practice as group of 3 we have made a concept and initial stage of Prototyping on smart driving system to avoid pit-pot holes during harsh weather conditions using HCSR04 ultrasound sensor.
- Skills - Aurdino . nodeMCU

Gym management [HTML,CSS,Django,MYSQL etc]

Jan 2020 - April 2021

- Built a website for gym management where people can register, login ,buy their required package and monitor there regular attendance.

GUI [PyQt etc]

June 2022 - July 2022

- Built a GUI for our college project which interacts with the Raspberry Pi.

TECHNICAL SKILLS

Programming languages: C++, C, Python

OS: LINUX Windows

Web Technologies: HTML, CSS, Django

Miscellaneous: MySQL, Latex,PyQt,Figma

RELEVANT COURSEWORK

Computer Science: Data Structures and Algorithms, Databases, Operating Systems, Human-Computer Interaction, NLP, High-Performance Computing

POSITIONS OF RESPONSIBILITY

Hostel Coordinator, IIITDM Kancheepuram:

Helps in managing a hostel of 200 students along with organizing hostel related events and coordinating with students of different

Content Volunteer at Vidhai, IIITDM Kancheepuram:

2021 - 2022

Formulated content in mathematics, and social studies, Thus helping the students preparing for NTSE, NMMS