VENKATA VARSHITHKUMAR KOTHURU

Course : **B.Tech**, Computer Science Engineering, 2022
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CGPA : 6.86

ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
UG	Computer Science	Bennett university	Bennett university	68.6 %	2022
CLASS XII		Narayana junior college	Telangana Board of Intermediate Education (TSBIE)	91.3 %	2018
CLASS X		New vision	Telangana Board of Secondary Education (SSC)	93 %	2016

Subjects / Electives	Data structure, algorithms, Operating system, computer networks
Technical Proficiency	HTML, MySQL, CSS, C++ Language, C Programming, Java, AIML, Python, Deep Learning

SUMMER INTERNSHIP / WORK EXPERIENCE

map creator, Here Technologies	Jun 2021 - Aug 2021

PROJECTS

Image enhancement techniques - Hpc,image processing Jan 2021 - May 2021
"IMAGE CONTRAST ENHANCEMENT" for the course High-performance computing.
The main aim of our project is to automate the Image editing process without users. We have optimized the efficiency of parallel programming of the image and contrast enhancement algorithms such as Histogram Equalization, Dynamic Histogram Equalization, and Contrast Limited Adaptive Histogram Equalization. In our model Users can give N number of images in a file as input and the model will automate the process and adjust the contrast and sharpen all the images without the help of the user.
I have also done a comparative study between series and Parallel programming for he, dhe, and clahe algorithms with the help of Joblib and Multiprocessing to show the efficiency of parallel programming.

Invoice Capture - OCR Aug 2020 - Dec 2020
Manual data entry is a risky and high consuming task the time and the capital on that are a loss for a company as data is more use full for everyone nowadays we are wasting time and the expenditure o remove this all we have used this
It is a deep learning approach where we labelled the data with different types of classes.we have chosen the pre-trained algorithm faster Rcnn on the coco dataset and detected the which type of class that belong to and from the detected class the data with the help of optical character recognition we have extracted the required data from the detected classes and stored it in the user required form

Smart home technology - iot Aug 2019 - Nov 2019
A complete product for controlling appliances in which we have used Arduino, Bluetooth module, and WIFI module and connected then to the bulbs, Made an app for controlling the appliances connected via Bluetooth module to arduino

image Steganography App - Steganography Mar 2019 - May 2019
IT is a technique where we hided the user data by converting the data from 1 and 0's and changing the values by LSB bits with the pixel values and retrieved back the message with the same technique and developed an app for the users

COMPETITIONS

robust rotuine
Hack dsc 2021 May, 2021

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Azure AI fundamentals	microsoft	
Azure data fundamentals	microsoft	
core java training	internshela	
introduction to data science	IBM	
Introduction to cloud	IBM	

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
MICROSOFT azure fundamnetals	Apr 2, 2021	Score:824/1000

TEST SCORES

TEST NAME	DATE OF EXAM	SCORE
MICROSOFT azure data fundamentals	Apr 1, 2021	Score:839/1000

EXTRA CURRICULAR ACTIVITIES

Travelling
reading books
cooking

LANGUAGES KNOWN

Hindi, Telugu, English

PUBLICATIONS

Intern at HERE Technologies	Journal name: Medium | Publication date: Sep 30, 2021
Optimization Algorithms in Deep Learning	Journal name: Medium | Publication date: Nov 15, 2020