Vatsal Lalcheta

Passionate competitive programmer

I am excited about implementing my knowledge and skills on industrial level. Looking forward to learn new skills and technologies.

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github.com/VatsalLalcheta ⌂

EDUCATION

B.Tech in CS
Pandit Deendayal Petroleum University

2017 - 2021   *9.19 CGPA*

Courses

- DataBase Management System
- Algorithms
- Data structures
- Object Oriented Programming

Higher Secondary School
Shree P.V.Modi High school

2015 - 2017   *85.8%*

PERSONAL PROJECTS

Amusement park data management
- We developed a system for amusement park where they can store and manage their customers' data.
- We developed ER model, R model also normalized the tables of database to avoid unnecessary redundancy of data.We generated 22000 of sample data to test our queries.

Vehicle booking app
- A very basic android app for college students where they can register their vehicles to give them as rentals.
- I used firebase database in order to make it more scalable.

Handwritten Text Recognition from Form
- To read a form and store the data to an excel sheet for further utilities
- Technologies used:- OpenCV2 for image slicing, RNN in OCR, MNIST dataset, EMNIST dataset

Monitoring Social Distancing
- To monitor the social distancing with AI in a video File or a Live Feed from camera
- Technologies Used:- coco dataset, Facebook's detectron2 object detection library

POSITION OF RESPONSIBILITIES

Hackathon committee member
PDPU

2019

Volunteer
J.V. Naria trust

06/2018 - 06/2018   *Jamnagar*
NGO

Achievements/Tasks

- Waste management survey in village, Child Helpline awareness project

SKILLS

Java | C | Python | MySQL

DBMS | Data Structures | Algorithms

Web Development

Competitive Coding | PHP | HTML

SQL | Django | PostgreSQL | NLP

Deep Learning

CERTIFICATIONS

Codechef rating 1780 (Handle: vatsal__123)
Global Rank :- 18378 Country Rank:-14155

C language (05/2017 - 06/2017)

Cyber Security (09/2017)
Workshop conducted by COMEXPO CYBER SECURITY

Stanford online statement of accomplishment
Statement of accomplishment by Stanford after accomplishing the course of SQL

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Gujarati
Full Professional Proficiency

INTERESTS

Table Tennis | Cricket | Music