

CURRICULUM VITAE

ROHAN J. SHAH

ADDRESS FOR CORRESPONDENCE:

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PERSONAL INFORMATION:

Date of birth : 26th November,1997

Gender : male

Father's name : Jigneshkumar shah

Mother's name : Jignaben shah

Language known: English, Gujarati, Hindi

ACADEMIC QUALIFICATION:

- S.S.C with 86.83% from GSHEB
- H.S.C with 74.46% from GSHEB
- GATE score 396 (GATE qualified)
- B.E IN COMPUTER ENGINEERING from G.T.U
CPI: 9.10
- Pursuing M.E IN COMPUTER ENGINEERING FROM L.D. COLLEGE OF ENGINEERING (G.T.U)
CPI till sem-1: 8.67

TECHNICAL SKILLS:

- Strong skill of Machine Learning Algorithm.
- Knowledge of tableau & Orange Tolls for data visualization .
- Can work with Numpy, Pandas, Matplotlib, Seaborn, Scikit learn.
- Knowledge of tensorflow ,Keras, pytorch libraries to build neural network.
- web development with html, css , javascript.
- Other programming language: C, C++,Core JAVA, python
- Operating system: windows , Linux
- Knowledge of MySQL ,shell script
- Basic knowledge of AWS.

ADDITIONAL SKILLS:

- Problem analysis and problem solving
- Good communication skills
- Ability to work under pressure
- Leadership skills

PROJECTS:

1.Factory Surveillance System:

Description	The idea of project intimated with problems arising an industry due to lack of technology interventions when people had to be employed to manage the tasks of security maintenance the staff as well as some other manually which could be better done if implemented using computer.
Technology Use	Python3,CSS,BOOTSTRAP,HTML
Database	Mysql
Team Size	4
Os	Windows

2. Attendance system with face recognition:

Description	To do mark attendance of students and employ in any company easily this system use. By the use of surveillance camera this detect person from their face and mark attendance in sheet and after that admin can easily see attendance of all the employ in company or students in school
Technology Use	Python3,CSS,BOOTSTRAP,HTML,MS excel
Team Size	2
Os	Windows
Github link	https://github.com/SHAHROHAN26/attendance-system-with-face-recognition

3. Face mask detection system:

Description	During COVID-19 timing face mask is necessary for all people at every public place . by this system we can detect any person with or without mask which helps volunteer to manage peoples on public place.
Technology Use	Python3,CSS,BOOTSTRAP,HTML
Team Size	1
Os	Windows
Database	SQLite3
Framework	Django
Github link	https://github.com/SHAHROHAN26/Django_demo_with_mask_detection

MINI PROJECTS:

1. Movie Recommendation system:

In this mini project **IMDB dataset** used for ratings of movie and based in that project can recommend the movie to any person based on their choice. In this project I used **numpy , pandas and matplotlib library** .

2. Color detection from image:

In this mini project dataset of RGB color code used to match color from image with that RGB code and give perfect color name to user. Here I used KNN machine learning algorithm to find accurate color from image.

3. Age & Gender detection from image:

In this mini project dataset of facial expression with age range and gender used. Machine learning algorithm matches input face image with this dataset and get best accurate result of Gender and Age range.

4. Handwritten digit recognition:

In this mini project, I use MNIST dataset to built model with Keras having tensorflow in backend. And after building model I use 28*28 pixel image of handwritten digit to identify that from 0 to 9.

5. Boston house price prediction:

In this mini project , I use Boston house price dataset and just built Convolution neural network with 5 hidden layer and 'relu' activation function for better accuracy.

INTERNSHIP:

- 1) I completed internship(fab-19 to may-19) in **Institute for Plasma Research (IPR)**, Gandhinagar. In IPR I worked on project for Development of job submission system for HPC under guidance of Mr. Deepak Aggarwal.

HPC Job Submission system:

Description	This project is use for job submission on HPC from web portal without knowledge of Linux , shell scripting and other terminology . This is very useful for the scientist other then computer branch who wants to submit job on HPC .
Technology Use	Python3,CSS,HTML,JavaScript
Database	SQLite3
Team Size	2
Framework	Django 2.2
Os	Linux
Github link	https://github.com/SHAHROHAN26/DOR-JoSuSy

- 2) Currently I am doing internship with **Digital Tesseract:AI & ML Experiments & Learning**. This is Remote internship and duration of this internship is 8 weeks (April-2020 to June-2020).I am working as AI & ML intern.

HOBBIES:

- Discover new things
- Playing chess ,cricket
- Travelling

DECLARATIONS:

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

ROHAN SHAH