# Rohan Modi

As a passionate and motivated student, I am constantly trying to improve my techniques, expand my skill set and find new opportunities to grow.

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Bharuch, Gujarat, India

#### **EDUCATION**

Bachelor of Technology, Computer Science & Engineering

Institute of Technology, Nirma University

2018 - 2022

12<sup>th</sup> (Senior Secondary Examination), Science

Amity school, Bharuch

2018

## **PROJECTS**

#### Handwritten Digit Recognition with GUI application

I trained a model using SVM (non-linear kernel) on MNIST handwritten digits dataset and successfully achieved 98% accuracy. I also created a GUI application using tkinter in python and used OpenCV for image processing.

#### **Desktop Voice Assistant using Python**

I created desktop voice assistant using speech\_recognition library in python. Its features are greeting the user, search keywords on google, YouTube and Wikipedia, play stone paper scissors, send email, etc.

## Smart City website (B.Tech Project, 4<sup>th</sup> semester)

This was a full stack web development project using Python (Django) for backend along with HTML, CSS and Bootstrap for frontend. I was responsible for creating the CRUD operations on database with Django and designing UI with bootstrap.

#### Alphabet Recognition through Gestures

This deep learning-based application in python recognises English alphabet through gestures captured real time on a webcam. I used OpenCV for image processing and keras library for model building from e-MNIST dataset.

#### **COURSES**

#### Machine Learning, Internshala Trainings, Online

June, 2020 - July, 2020

#### The complete 2020 Web Development Bootcamp

March, 2020 - June, 2020

#### LINKS

#### LinkedIn:

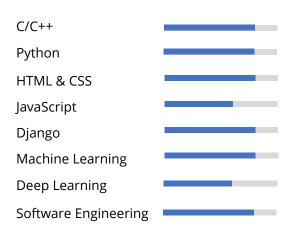
https://www.linkedin.com/in/rohan-modi-739ba9170/

#### Github:

https://github.com/rohanmodi2810/

**Portfolio:** <a href="https://rohanmodi-portfolio.netlify.app/">https://rohanmodi-portfolio.netlify.app/</a>

# TECHNICAL SKILLS



#### **SOFT SKILLS**

Team player

Inter-personal communication

Compassionate

Creative

### **ACHIEVEMENTS**

Secured 3<sup>rd</sup> rank in 1st year among all the branches of my batch, 2018-22.

# EXTRA-CURRICULAR ACTIVITIES

Did community service with Mansi Vikas Sansthan for 3 weeks in summer vacation, 2019.