

# ROHAN VAIDYA

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## EDUCATION

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### **Indian Institute of Technology, Jodhpur**

M.Tech Cyber Physical Systems

*July 2019 - Present*

CGPA: 8.1/10

### **University of Mumbai**

B.E Electronics and Telecommunications.

*July 2014 - May 2018*

CGPA: 7.75/10

## OBJECTIVE

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To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective.

## COURSEWORK

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Machine Learning 1, Artificial Intelligence 1, Computer Vision, Mathematics for Data Science, Introduction to Internet of Things, Embedded Systems, Vehicular Adhoc Networks

## PROJECTS

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### **Developing Machine Learning Based Trading Algorithms for Financial Markets**

This is my M.Tech project. This is a currently ongoing project and is being done under the guidance of Dr. Sandeep Kumar Yadav, Department of EE and in collaboration with MarkeTopper Securities, Gurgaon. The goal of this project is to develop artificial intelligence based trading strategies that can execute trades in financial markets and generate profits.

### **Road Sign Detection**

This was a project done as a part of Computer vision course under the supervision of Dr. Mayank Vatsa, Department of CSE. The objective of this project was to detect road signs. We did this project as a group of three students. We implemented algorithms like YOLO and Faster RCNN to achieve the objective.

### **Handwritten character recognition using Deep Learning**

This was my bachelors projects. The aim of this project was given some handwritten text, convert it into digital form. The character recognition was done using Convolution Neural network trained using MNIST Dataset.

## TECHNICAL STRENGTHS

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**Programming Languages:** Python

**Frameworks and tools:** Pytorch, Keras, Tensorflow, Matplotlib, Pandas, Google Colab, Scikit-Learn

## ACHIEVEMENTS

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Secured 97.8 Percentile in GATE 2018, Computer Science