

ROHAN VAIDYA

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EDUCATION

Indian Institute of Technology, Jodhpur

M.Tech Cyber Physical Systems

Related Courses: Machine Learning, Computer Vision

July 2019 - Present

CGPA: 8.1/10

University of Mumbai

B.E Electronics and Telecommunications.

July 2014 - May 2018

CGPA: 7.75/10

CAREER OBJECTIVE

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

COURSEWORK

Machine Learning, Computer Vision, Introduction to Internet of Things, Embedded Systems, Vehicular Adhoc Networks

PROJECTS

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 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 CSL7360 Computer vision course. The objective of this project was to detect road signs. We implemented YOLO, a deep learning based algorithm to detect road signs.

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 networks.

TECHNICAL STRENGTHS

Programming Languages: Python

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