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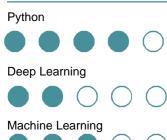
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#### SKILLS







**Computer Vision** 



Tensorflow

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### **INTERESTS**



OpenCV

Image processing

Object detection

Philosophy

# Upendra Singh Karmiyal

Machine Learning | Deep learning | Computer vision

Always feeding my curiosity.

## **EDUCATION**

Student

Greater Noida Institute of technology, Greater Noida 08/2014- Present

Greater Noida, India

### COURSES

Programming in Python (05/2018 – Present) C Datacamp

Machine Learning (06/2018 – Present) Coursera

Neural Networks and Deep Learning (08/2018 – Present) Coursera

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (09/2018 – Present) *Coursera* 

covolutional neural network (09/2018 – Present) Coursera

Master computer vision OpenCV3 in python and machine learning (09/2018 – Present) Udemy

Deep Learning for computer vision with keras and tensorflow (09/2018 – Present) Udmey

## PERSONAL PROJECTS

Lane detection for self driving car using OpenCV

- Approach 1: Hough transform.
- Approach 2: Spatial CNN.
- Gray scale transform.
- Canny transform.

Customized image detection using tensorflow object detection API Installing tensorflow object detection API.

- Installing tensoritow object detect
  Setup object detection API.
- Gather and label images.
- Concrete training data
- Generate training data.

#### Facial landmark detection Using OpenCV 2

- Detect facial landmark.
- Generate label for training data
- Predict image
- Using webcam for face detection

#### Segmentation of images and videos Z

- Pre processing
- Segmentation.
- Representation and description
- Representation and interpretation