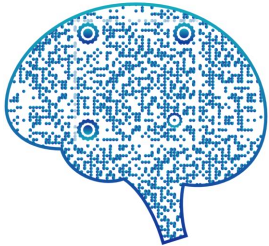# Computer vision and its applications

Presenter : Yasin Fakhar

To access slides scane the QR above

Yasin Fakhar

Master student of Artificial Intelligence
at university of Isfahan

I am just a fan of CV ☺

Roadmap

What is computer vision

How to start learning

1

3

Applications

2

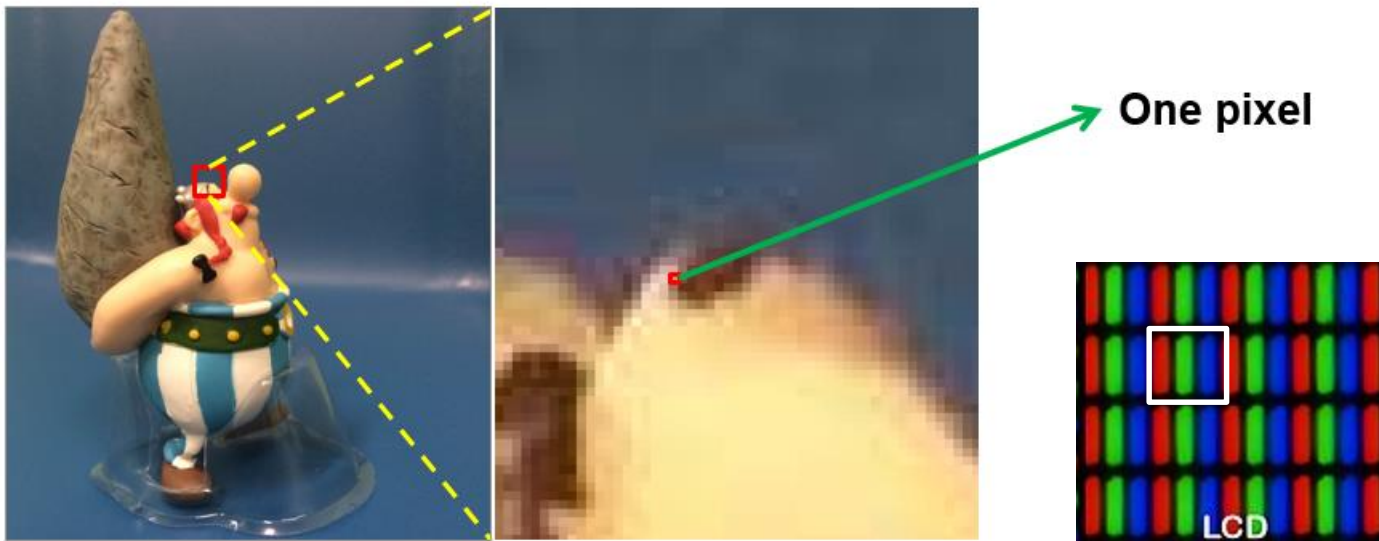Conclusion

4

"A picture is worth a thousand words"

What is Computer Vision?

Computer vision is a field of artificial intelligence (AI) enabling computers to derive information from images, videos and other inputs.
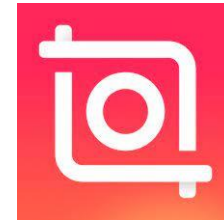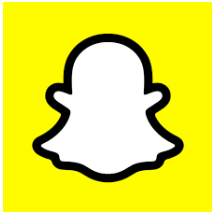
What is an Image?

An image is made bunch of pixels together
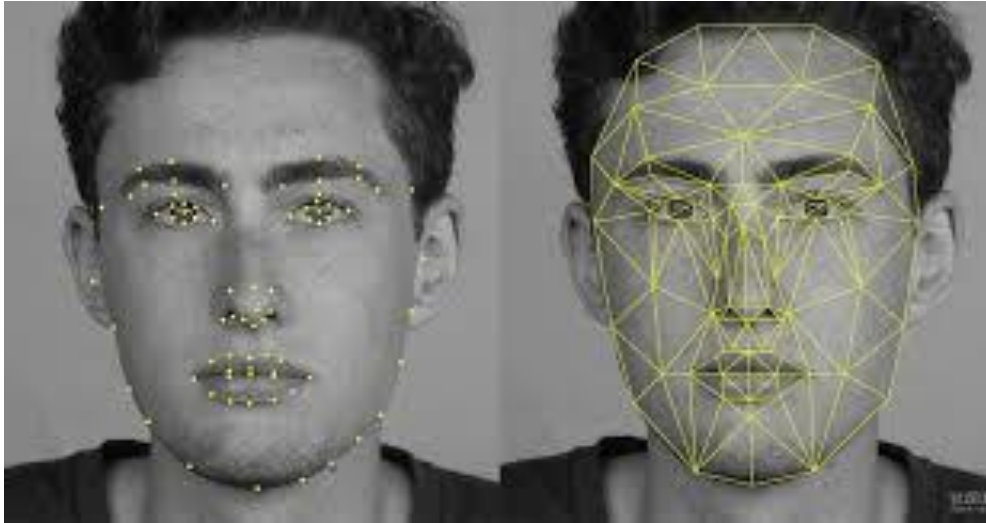

One pixel

LCD

Applications

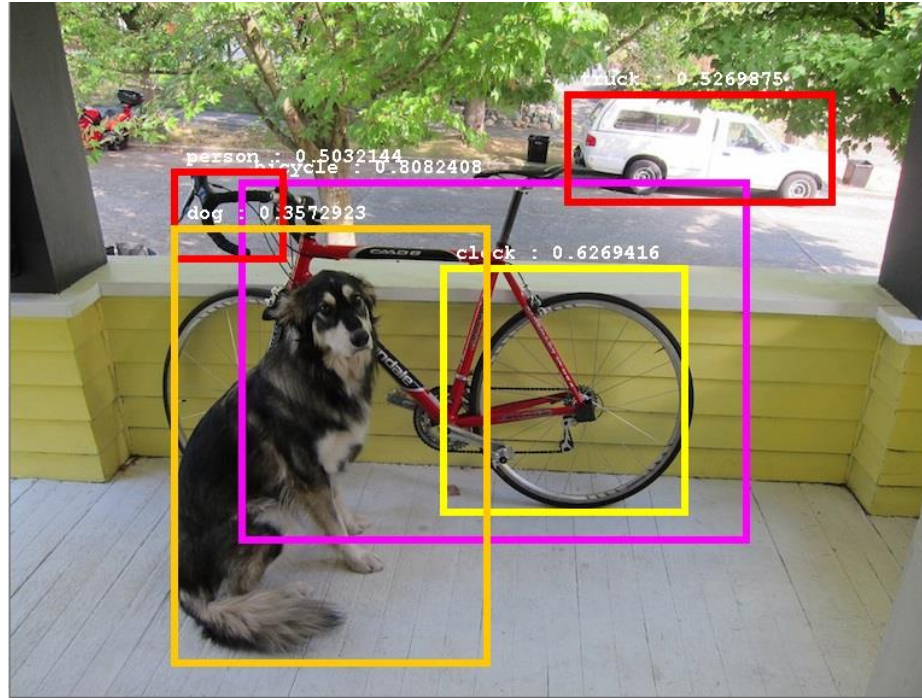- Filters on Editing Apps and Social Media
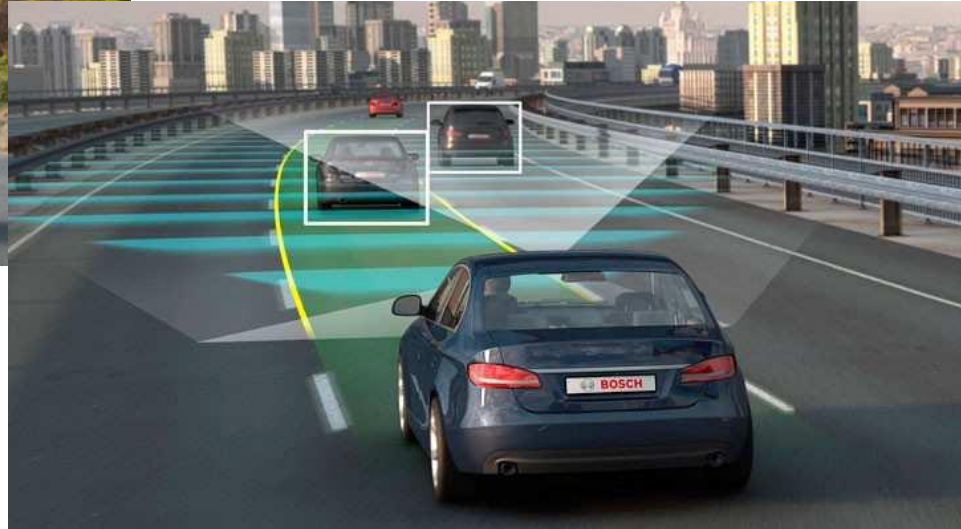
Applications

- Face recognition systems

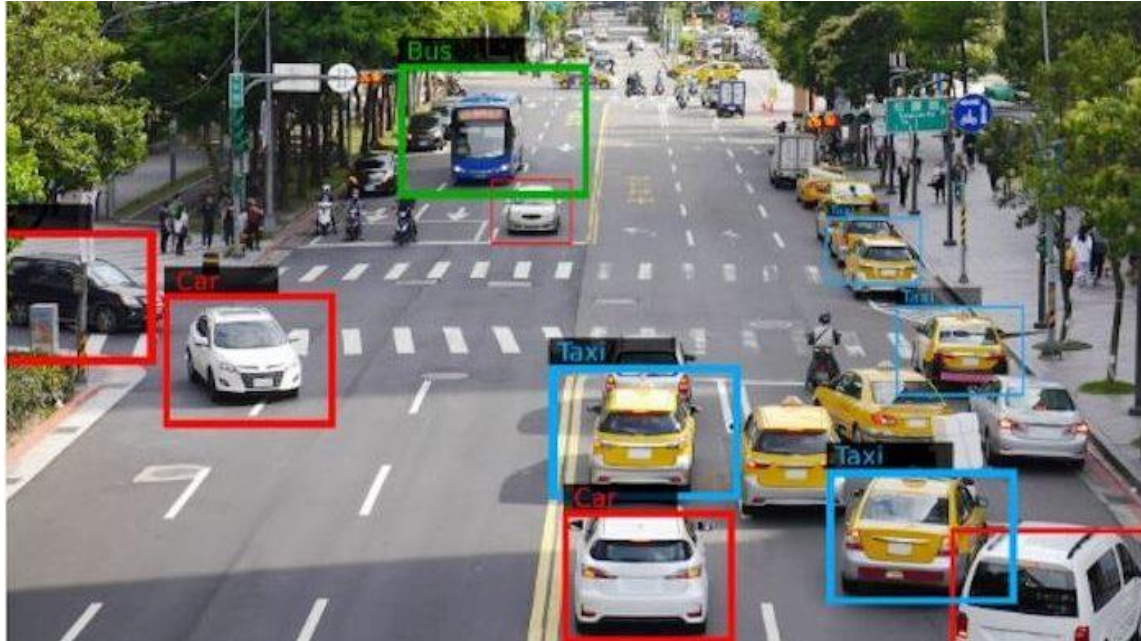# Applications

- Object detection

Applications

- Self driving cars

Applications

- Traffic Sensing Technologies
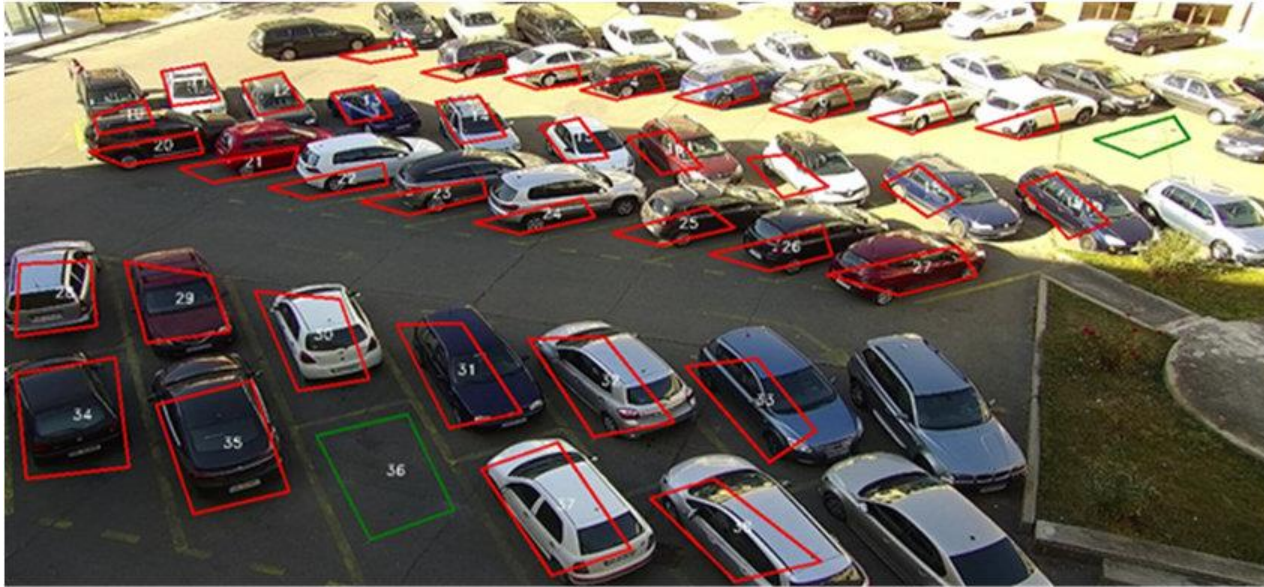
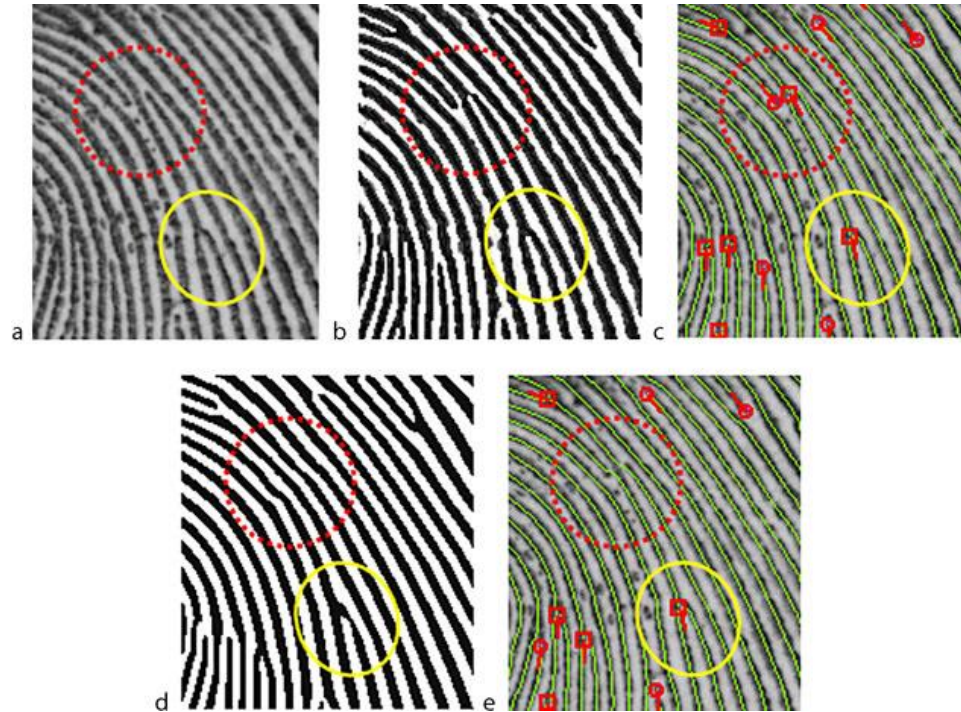# Applications

- Licence plat recognition

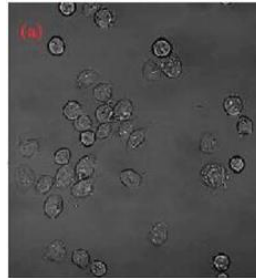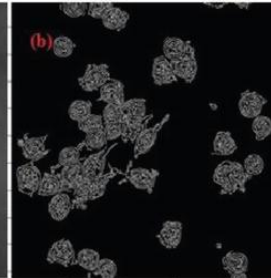# Applications

- Parking lot detection

Applications

- Fingerprint recognition

Applications

- Medical fields
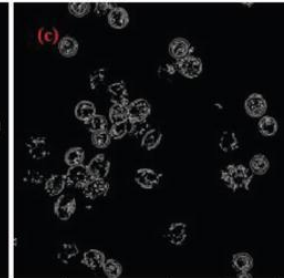
Some recent interesting works
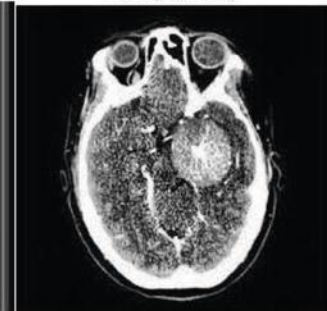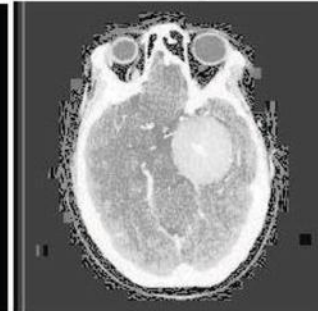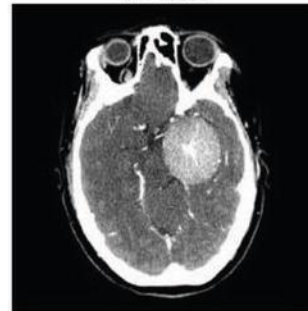
Google text to image

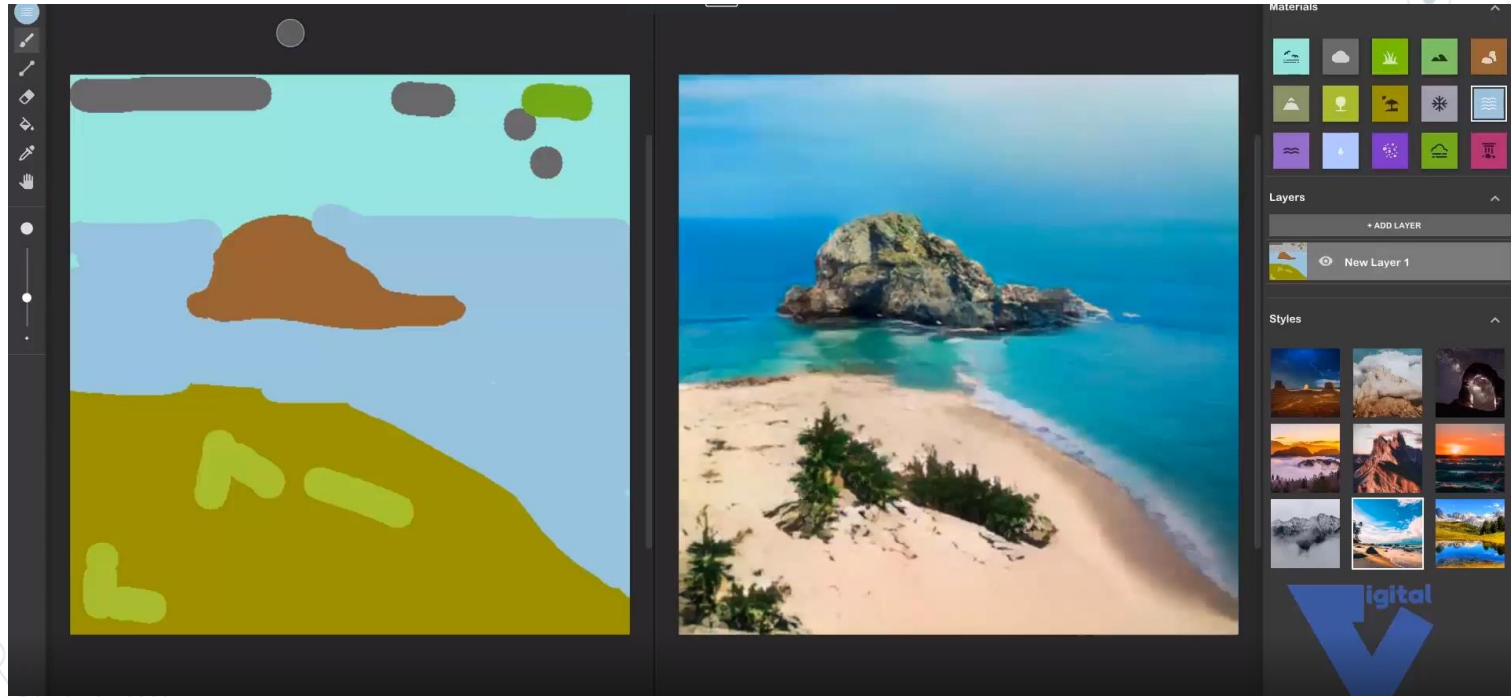A dog looking curiously in the mirror, seeing a cat.

https://generated.photos
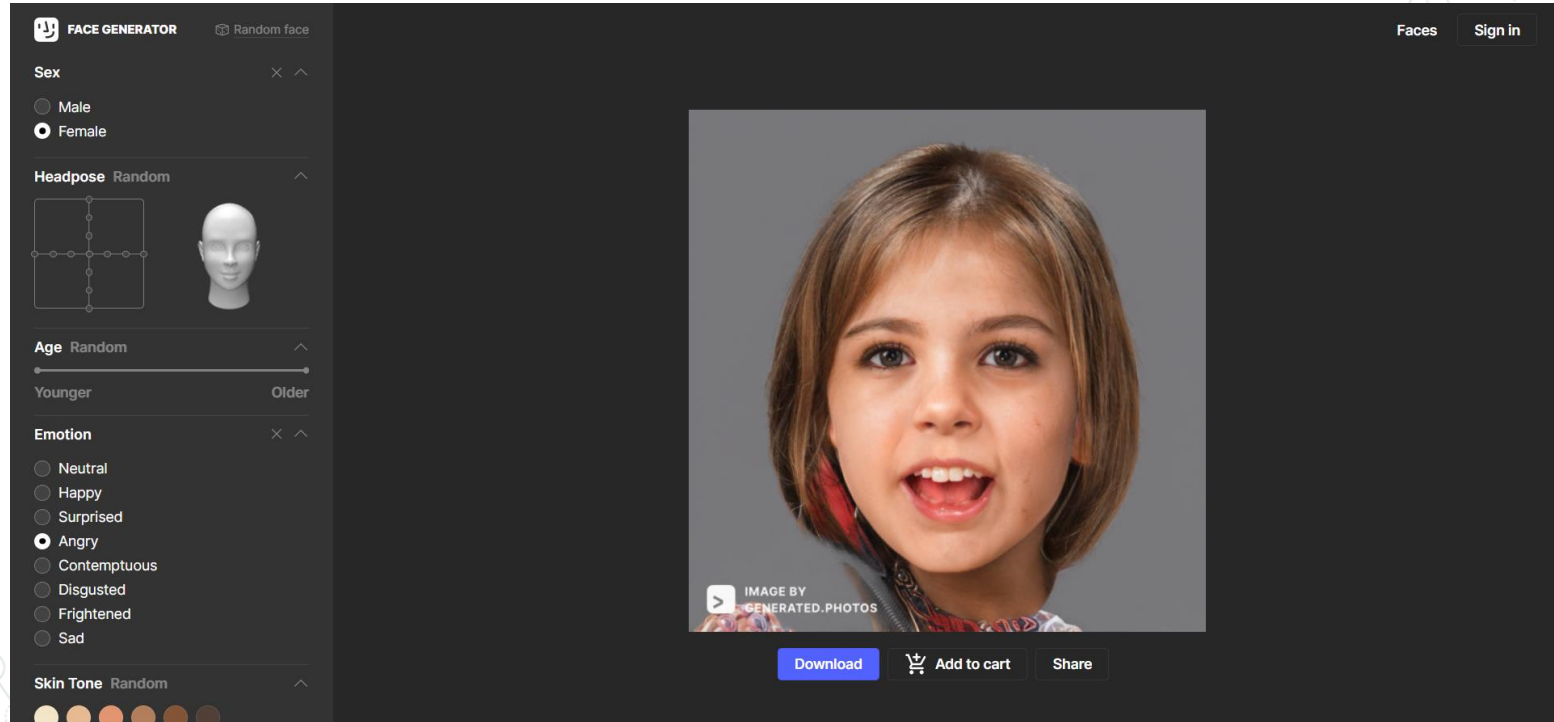
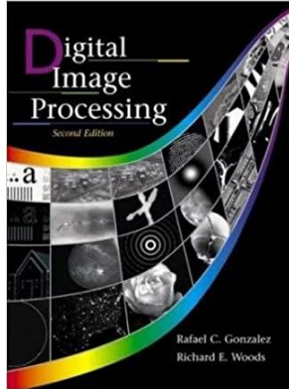# Deep fake

Nvidia canvas

How to start learning CV

Digital image processing
from Gonzalez

UDACITY

https://www.udacity.com/course/
introduction-to-computer-vision--
ud810

https://www.aparat.com/v/Rtn0J?playlist
=1001309

https://www.youtube.com/c/MurtazasWor
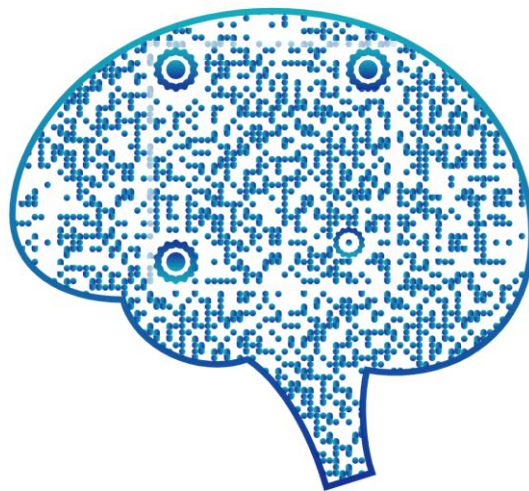kshopRoboticsandAI

Thanks for your attention!

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