

# SYNOPSIS ON

## **Cartoonify an Image with OpenCV in Python**

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## **OUR MISSION & VALUES**

Do you miss your childhood? Yes, everyone does!. So today let's head towards giving our pictures some cartoonic effects. This article is all about building a photo cartoonifyer using Python and OpenCV

## **OVERVIEW OF THE PROJECT**

Python is the pool of libraries. It has numerous libraries for real-world applications. One such library is OpenCV. OpenCV is a cross-platform library used for Computer Vision. It includes applications like video and image capturing and processing. It is majorly used in image transformation, object detection, face recognition, and many other stunning applications.

At the end of this article, we aim to transform images into its cartoon. Yes, we will CARTOONIFY the images. Thus, we will build a python application that will transform an image into its cartoon using OpenCV.

## TEAM SIZE AND MY ROLE

Team Size: 1

My role: my role in the project is that I'm working on the whole of the Project.

## TOOLS AND TECHNOLOGY USED

H/W Requirement for Development

Architecture

- X86 or X86-64 bit hardware architecture
- Intel/AMD processor with compatible Motherboards

Processing Power

- Core2Duo 2.0-gigahertz (GHz) processor or faster

Memory

- At least 512 megabytes (MB) of RAM (1 GB is recommended)

Secondary Storage

- At least 10 gigabytes (GB) of available space on the hard disk

S/W Requirements for Development

1) Operating System: Windows 10 or higher

2) Front end: python

3) **Backend:** opencv deep learning

## FUTURE MODIFICATION

New modules are added in the application time to time to provide new features.