

Introduction -

A final project in Algorithms in multimedia and machine learning in the Python environment course.

The software we created, receives an image, converts it to shades of gray and performs morphological operations.

Morphological Operations -

Erosion - The erosion operation usually uses a structuring element for probing and reducing the shapes contained in the input image.

Dilation - The dilation operation usually uses a structuring element for probing and expanding the shapes contained in the input image.

Open/Close - Opening removes small objects, while closing removes small holes.

Boundary extraction - Process to extract edges from a binary image.

Conclusion -

we were required to research and study the subject in depth - in order to know how to implement the morphological operations. We were amazed to discover that with the help of two basic morphological operations, a wide variety of morphological operations can be produced and applied to images.

QR CODE



Discussions -

-Development of the project for logo printing on t-shirts (today a lot of money is paid to a graphic designer who will make an adjustment to these shades (black and white)).

- Another idea, is the development of the app for creating sketches for tattoos from photos.

