Romanian ID Detector

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Computer Vision
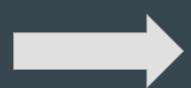
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Big Data

Prepare the image

```python
image = cv2.imread(PATH_TO_IMAGE)
image=imutils.resize(image, width=800)
buletin=image[int(top):int(bottom),
              int(left):int(right),:]
plotThis(buletin)
# buletin = cv2.imread(PATH_TO_IMAGE)
```

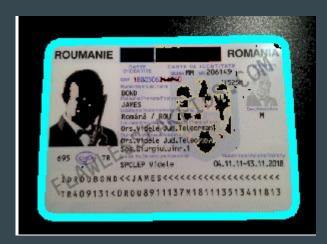# Get all grey zones from image as a mask

Detect the contour of the ID

- Detect the edges
- Keep only the biggest area

Get the ID ROI

- Simplify the contour to only four points
- Get and apply the affine transformation

Rotate the ROI until we can detect a face

Detect the MRZ

Thank you!

code:
https://github.com/Trial97/romanian-id-detector