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Tema: **Self-driving RC car**

The aim of the project is to build a fully functional RC car which detects the road made from paper through a Pi Camera.

To be able to translate the information gained by the camera, I will use two software tools, OpenCV and TensorFlow.

I will use OpenCV to detect different objects in images or videos. (in this case, the road made from paper), and TensorFlow to make decisions based upon neural network (in this case, when to steer to the left/right, and to distinguish when it's a road sign).

Ciorna solutii:

For this project, we will be using the following components:

- Raspberry Pi 3B+
- Modul camera Pi
- Driver Motor PWM
- Tensor Flow
- OpenCV
- Car body
- Battery
- 2 motors BLDC