Object detection video of Mathworks

https://www.mathworks.com/videos/computer-vision-with-matlab-for-object-detection-and-tracking-81866.html

Traffic Sign Recognition for Driver Assistance Systems

https://www.mathworks.com/videos/traffic-sign-recognition-for-driver-assistance-systems-108102.html

Signature image extractor

https://github.com/yumin-chen/signature-image-extractor

license-plate-object-identification

https://github.com/yumin-chen/license-plate-object-identification

A simple image processing object recognition example to find Wally in an image.

https://github.com/yumin-chen/where-is-wally

Automatic-Traffic-Sign-Recognition-System

https://github.com/JZhao12/Automatic-Traffic-Sign-Recognition-System

Object detection without Machine Learning

https://medium.com/@iTrendTV/object-detection-without-machine-learning-aed3c5b668f3

Real-time Object Detection Without Machine Learning

https://towardsdatascience.com/real-time-object-detection-without-machine-learning-5139b399ee7d

Other Object Recognition Methods

Other more basic approaches to object recognition may be sufficient depending on the application.

- **Template matching** – which uses a small image, or template, to find matching regions in a larger image
- **Image segmentation and blob analysis** – which uses simple object properties, such as size, color, or shape

Typically, if an object can be recognized using a simple approach like image segmentation, it's best to start by using the simpler approach. This can provide a robust solution that does not require hundreds or thousands of training images or an overly complicated solution.

Object Detection by template matching.

https://www.youtube.com/watch?v=P5FTEryiTl4

Tutorials - Object detection using template matching

https://www.youtube.com/watch?v=qy5b2RCdW9o