

Street Lane Recognition with OpenCV

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OpenCV

Open-source “Computer Vision” API

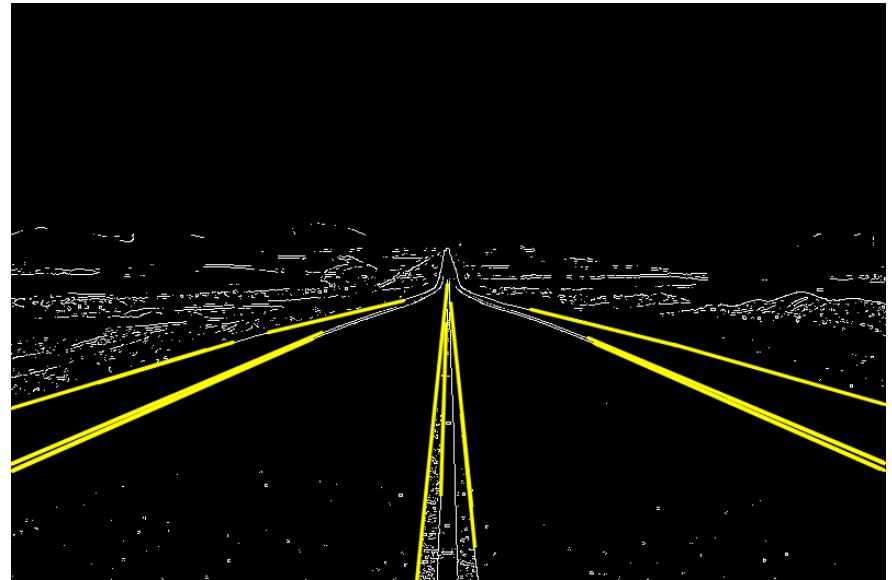
Java, Python, C/C++, etc

Using C++ with Xcode IDE

Objective

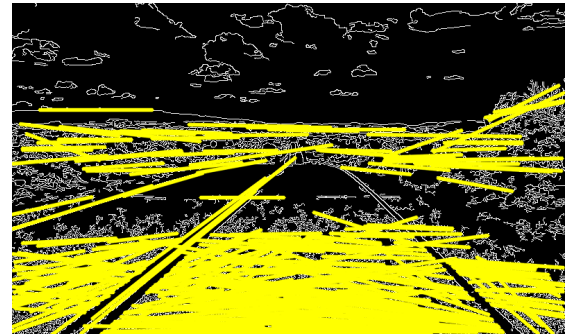
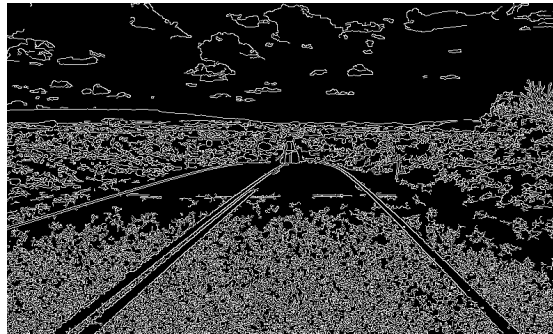
Mark lanes on a road

Maybe mark which lane photo is taken in



Problems and Future Work

Better implementation of line detection - image quality is very important



docs.opencv.org - via OpenCV website

Later to be implemented through Raspberry Pi