

Finding Lane Lines P1

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This Project aims to detect lane line from the images.

I have used the Canny edge and Hough transform Algorithm as my approach.

My pipeline is defined as follows:

1. Take the input image
2. Convert into grayscale
3. Apply Gaussian Blur and Canny Edge
4. Create region of interest
5. Use Hough Transform for Detection
6. Detect Lane line on image and Video

Drawbacks:

My pipeline is restricted to fixed size input (x,y)

Where x defines the length and y defines height.

In-order to make it work on every input we need to scale it to particular pixels

Suggestion:

Lot of code was already provided .

I would love to implement each line by self.

Moreover the we need to detect lane line in all weather conditions such as snow

Also on curvy roads and during nights