

## Our Traffic Sign Recognition Pipeline

Video frame



Detector

Gaussian  
blur



Canny  
edge  
detection



Circle  
Hough  
Transform



Crop image patches



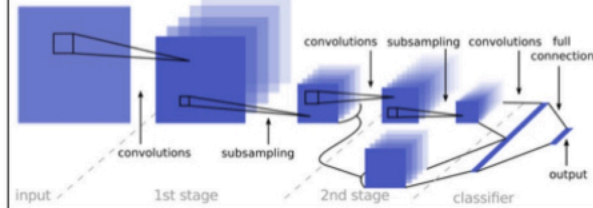
Label: Speed  
limit (80 km/hr)  
Confidence: 1.00



Drop false  
positive with  
low confidence



Classifier



Multi-scale CNN (Sermanet et al. 2011)

