

## My Abstract

A small write up, with the following points:

1. What is the project about, and the domain (Robotics, Image Processing, Data Science, etc)  
-> Image Processing and Deep Learning(CNN)
2. Libraries used  
-> cv2, yolo / mobilenet ssd(models)
3. Brief walk-through of how you are going to implement things  
-> Real time object detection from video using opencv and pre trained object detection model

Extension -: Social distancing tracker -> Track the distance in each person pair and determine whether they are closer to each other in comparison to given distance or not ,i.e basically we have to determine all the social distancing violation makers.

4. Small rough timeline for 2 weeks  
-> week 1 - learning use of various cv2 functions and object detection model and theory behind them  
-> week 2 - code implementation
5. What other things you need to learn that weren't a part of our course  
-> cnn
6. Why this project / Motivation  
-> this project sounds amazing
7. References

<https://www.pyimagesearch.com/2017/09/18/real-time-object-detection-with-deep-learning-and-opencv/>

