**Semester Project Report**

**Face Mask Detection Using TensorFlow, Kera’s and OpenCV**

by

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**Phase #1: Train Face Mask Detection**

Serialize Face Mask Classifier to disk

Generate and Train Face Mask Classifier

Image Processing using Keras

Load Face Mask Dataset

**Phase #2: Apply Face Mask Detector**

Show Result

Image Processing using Keras

Apply the Face Mask Detector to determine “mask” or “no mask”

Detect face in camera stream

Load Face Mask Classifier from disk