

**COL 780: Computer Vision**

**Assignment 3**

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Due Date: Mar 31, 2023

1. Calibrate the camera on your smartphone (intrinsic parameters) using the system using a checkerboard pattern as described in class.
2. Placing the checkerboard on a table, insert some artificial objects on the table (such as a simple pyramid etc.) and generate some mixed/augmented-reality pictures. This need not be real-time but can be done on pictures taken from the smartphone.