**Project 1**

# Due: 10/11/23

# Team Member Names:

*Instructions:*

1. Fill in your name and attach this page as cover sheet for your report.
2. This is a group project. Work with your group as assigned in the “ECE4510 F23 Project Groups” document. List the contribution from each team member to this report, in the following page. Submit a single report for the group.
3. Attach all supporting material with the report:
   1. MATLAB code and output printout.
   2. OpenCV code and output printout from Jupyter Notebook.
   3. Images, diagrams, figures, etc.
4. Type / handwrite and sign the following honor pledge:  
   "I pledge on my honor that I have not given or received any unauthorized assistance on this assignment."

*Honor Pledge:*

*Signature*

**Grading Information:**

|  |  |
| --- | --- |
| Task 1: MATLAB and Averaging Filter (20 Points) |  |
| Task 2: MATLAB and Linear / 2D filters (20 Points) |  |
| Task 3: OpenCV and Basic Image Functions (30 Points) |  |
| Task 4: OpenCV and Basic Video Functions (30 Points) |  |
| *Total* | **/ 100 Points** |

**Team member contributions to the report:**

**Team member 1 name:**

*Contribution:*

**Team member 2 name:**

*Contribution:*

**Team member 3 name:**

*Contribution:*

**Team member 4 name:**

*Contribution:*