

# COURSE PROJECT

## COMPUTER VISION

### Coding Standard and General Requirements

Code for all programming assignments should be **well documented**. A working program with no comments will receive **only partial credit**. Documentation entails writing a description of each function/method, class/structure, as well as comments throughout the code to explain the program flow. Preferred programming language for the assignment is **Python** with PyTorch framework for deep learning. You are free to use any other programming language and framework as well.

This will be 30% of the final grades.

Total marks: 30.

Submit by **December 6th 2023**, 3:00pm. *There will be no extension.*

### What to submit:

- Complete training and testing code, and it should be well documented along with a README file describing clear instructions on how to run the code, what libraries are required, and other specifications. Do not submit datasets, if it is your own dataset, share a link instead.
- A report about your project which should include the details about the project and all the results. Name it UCFID-LastFirst-Project.pdf (Last is your last name and first is your first name).
- Zip/tar everything together and submit a file named: UCFID-LastFirst-Project.zip (Last is your last name and first is your first name).

### Report structure

- Abstract: A high level idea of the problem, your proposed solution, and any insights from the results obtained.
- Introduction: A detailed description of the problem and talk about what are the challenges and talk about the solution you proposed.
- Method: Details of your proposed solution with all the necessary details.
- Results: Talk about which datasets you used, its details, how you evaluate the method, show all the results you want to, analysis of the results.
- Conclusion: Talk about your experience and what you learned in this project.

**NOTE:** A sample report is also provided.

**Group Projects** Students who are working in groups should have one additional section at the end of the report, titled 'My contribution'. It should talk about what was your contribution in this whole project. All team members will submit the same code, but different reports. All the other parts of the report will be same, except the last section and the Conclusion section.