

Computer Vision

Dr. M. Irfan Uddin

Mid Term Project

Marks 30

Deadline: Monday, May 31, 2024 – 4:30 PM

Method of submission: By email to irfanuddin@kust.edu.pk

Option # 1

You can choose to write a book chapter. Details are given in:

<https://mirfanud.wordpress.com/bookec/>

Option # 2

Procedure

- Pick any computer vision related problem to be solved by using different deep learning techniques.
- Study literature and understand how different people have solved similar problems.
- Solve your problem by coding the solution in any programming language.
- Perform different experiments and analyze your results.
- Write a report of a maximum of 5 pages on your findings.

Outlines of the report.

Introduction

- Motivation
- Problem description

Literature

- The current literature study in the paper

Methodology

- Any computer-based technique to solve the problem

Result

- Compare your model with other existing models
- Accuracy, Confusion matrix, Precision, Recall and F1-Score

References. Make sure to use standard procedures such as:

- Mendlay
- CrosRef
- Bibtex

Notes:

- Make the pdf of the document. Don't send me the Word file.
- Make sure that you have properly formatted the document.
- Attaching code is not required. I will contact you if I need to see the code.
- Poorly formatted or poorly written documents will get FAIL.

- Report in hard form will not be entertained.
- Reports submitted after deadlines will not be entertained.
- The file name must be StudentRegistration_StudentName_MidProject.pdf
- A maximum of 2 people can work on a project.