Software Systems Lab

Final Project – 3. Final Report and Presentation

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Computer Vision Lab. (CVLAB)

School of Electrical and Computer Engineering

Final Project (Team)

- **Final project**: 50 points
  - ~~**Proposal**: 10 points (-11/13, 14:00)~~
  - ~~**Progress report**: 10 points (-11/27, 14:00)~~
  - **Final project report**: 15 points (-12/11, 14:00)
  - **Presentation**: 15 points (12/11, 12/12, 14:00)
- The final project is an opportunity for you to apply what you have learned in this class to a problem in AI that interests you
- You can either pick one of the suggested project topics (Option 1) or come up with your own project idea (Option 2)
- Your project must investigate a scientific question. It is not enough to do a literature review, nor to directly reimplement a method without making any changes to it

Final Project Report Requirements

- Due date: **Thursday, December 11 at 14:00** and submit a **.zip file (PDF + Code)**
- Report: Write in CVPR format. **(Max. 6 pages)**
- Code: Source code (.py / .ipynb / .c / …) without dataset
- The report should ideally be at least 3 and no more than 6 pages in length (excluding references). We will deduct points for excessively and unnecessarily long reports (a well-written concise report is better than a long and wordy one!).
- As a part of a team, you should write the report together but you must include a section that lists the individual contributions of each team member. We will apply a penalty if this section is missing.

Final Project Report Requirements

- The report should be structured like a research paper, starting with an abstract, followed by sections for Introduction, Related Work, Methodology, Experimental Results, Discussion, Conclusion, and ending with references. Some of the sections can be combined if you want (specifically, Introduction/Motivation & Related Work as well as Results & Discussion).
- You should describe and evaluate what you did in your project, which may not necessarily be what you hoped to do originally. A small result described and evaluated well will earn more credit than an ambitious result where no aspect was done well. Be accurate in describing the problem you tried to solve. Explain in detail your approach, and specify any simplifications or assumptions you have made.
- Also demonstrate the limitations of your approach. When doesn't it work? Why? What steps would you have taken had you continued working on it? Make sure to add references to all related work you reviewed or used.

Presentation Requirements

- Dates: **December 11(Thu) and 12(Fri) at 14:00** and prepare in **PowerPoint**
- You should select your presentation date on uclass (changes are allowed until 12/11). The order of presentations will be set randomly.
  (Note: Whether you present at an earlier or later date will not affect your grade.)
- The presentation gives you a chance to provide us with a concise overview of the current state of your project and get us excited to your read your report! The presentation should highlight the key contributions your project is making and the insights you've gained while tackling a new research problem.
- You should aim for your presentation to last 10 - 15 min and it should not exceed 16 min. After 15 min we will signal to you that you have 1 min left to wrap up your talk. At 16 min we will cut you off whether or not you have covered all your slides. If you try to continue with your presentation after we cut you off, we will have to apply a penalty. For teams, each student must present and you should aim to speak for approximately the same amount of time (~4 min each).

Presentation Requirements

- A Q&A session will follow the presentations. Any student in the class may ask questions to the presenting team.
- You will have to prepare your slides in PowerPoint. Please upload your PPT file to uclass by 14:00 on your scheduled presentation date (December 11 or 12).