Research Project HW-1: Research Proposal

Instructions:

In this homework, you and your partner will write a 1-page proposal for your research project. The proposal should contain:

1. problem definition: explain what is the goal of your research project
2. motivation: explain why this problem is important
3. the state of the art: short summaries on the state of the art of your problem
4. initial idea: propose a novel idea to solve the problem
5. plan and expected outcomes: present the steps and timeline you plan to take for this research project and the expected outcomes

This homework accounts for 5% of the final grade. The grading criteria are:

1. problem definition (1%): the problem should be clearly stated, the problem should not be too big
2. motivation (1%): are you able to convince me that the problem is important?
3. state of the art (1%): do you find the most important and representative work?
4. initial idea (1%): is this a research idea?
5. plan and expected outcomes (1%): is the plan feasible? Is the expected outcomes likely to be achieved?

This homework is due Feb 28 Wed 6:00 pm. I will host an office hour after next Monday’s class to help you develop and evaluate ideas.