Homework: Reading/Presentation Assignment
Due Tu. 10/27

In the second half of the course, we will be reading important papers in computer vision and having presentations by students. These assignments will help you learn exemplary topics in vision and will give you practice in critical reading/assessment of academic work as well as presentation skills. A list of recommended papers is available online at

http://www.ee.unlv.edu/~b1morris/ecg782/docs/reading_list.html

Please submit your paper preference by Tu. 10/27. You should list your top 3 choices in case your top choice has already been selected.

Each class you will be expected to be prepared for the day's discussion by i) having read the assigned paper and ii) completing the short assessment form (below). The discussion will be lead by the student presenter who will act as the "expert" on the topic. The presenter will make sure that the class knows all the details of the methodology and will assist in answering questions.

Paper Presentation

The paper presenter should prepare a lecture presentation for the class that covers all the important topics. This presentation is intended to be like a conference presentation. The presentation should be designed for 15 minutes with 5 minutes for discussion. This means that the presentation should be approximately 15 slides of content. Some tips for writing a presentation can be found online

http://www.engr.psu.edu/speaking/structure.html
http://www4.stat.ncsu.edu/~reich/st810A/oral.pdf
http://www.ece.wisc.edu/~kati/PresentationGuide.ppt

Paper Assessment

The items below are the elements of the assessment report that each student (not counting the presenter) will turn in during class. This is not expected to be more than 0.5-1 page.

1. Title and Authors of Paper

2. Short summary of the paper which includes

    (a) the problem that is being addressed,

    (b) its significance, and

    (c) the approach used to solve the problem.

3. An assessment of the strengths and weaknesses of the paper (such as the assumptions that are used, when the algorithm might fail, or why it was better than existing techniques at the time)

4. List of 2-3 questions that you have regarding the work