EE368/CS232 Term Project

- Group project, plan for about 50-60 hours per person
- Develop, implement and test/demonstrate an image processing algorithm
- Submit written proposal: **February 22, 11:59 p.m.**
- Presentation #1 (motivation, goals + first results): **February 25**
- Presentation #2: (provisional results), **March 8 and 11**
- Remote SCPD students can alternatively submit a narrated video presentation
- Submission of written report and source code: **March 15, 11:59 p.m.**
- Project grade based on
  - Written proposal + Presentation #1 15%
  - Presentation #2 20%
  - Written report 25%
  - Technical quality, significance, and originality 40%
Project proposal

- Written project proposal in pdf format
- Submit by email to ee368-win1819-staff@lists.stanford.edu
- Submit early for early feedback, but no later than deadline
- Proposal must contain:
  - Title
  - Names and email addresses of all team members
  - Description of the goals of the project and the work to be carried out (200-400 words)
  - 3+ references
  - Indication whether you will use an Android device
- If proposal is not acceptable, a revision will be requested
- Approved proposals will be posted online
Project Presentation #1

- In-class during regular lecture time on **February 25**
- Duration: 3-4 minutes per project
- No Q&A, feedback provided in writing
- Submit slides no later than **February 24, 6:00 pm**
- Must use ppt template provided
- Logistical details will be provided after midterm
- Plan to rehearse your presentation several times
Project group and topic

- Group project, teams of typically 2-3 students.
- Larger teams (up to 5) can be approved. Provide compelling reason.
- Single-person-projects strongly discouraged.
- Use Piazza to look for project partners – indicate general direction of interest.
- Opportunity to pitch ideas during regular lecture slot on **February 11** to find additional project partners – organizational details to be announced.
- Check out past proposals and projects in Final Projects section of class website.
- Check journals and conference proceedings for ideas, e.g.,
  - IEEE Transactions on Image Processing
  - IEEE International Conference on Image Processing (ICIP)
  - IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
- Do not be overly ambitious in your project goals!