About the Course Project

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Administrative Info

• Students should work **individually** or **in pairs**.

• Research-oriented project
  - design of a novel approach and its experimental analysis,
  - an extension to a recent study (published after 2010) of non-trivial complexity and its experimental analysis.
Important Dates

• Proposals: Mar 8
• Progress reports: Apr 12
• Progress presentations: Apr 19
• Final presentations: To be announced
• Final reports: May 23

Late submissions will be penalized!
Proposals

• One paragraph long
• Project topic
• What data?
• Design overview
• A list of key readings
Upcoming Challenges

• Looking at People CVPR 2016 Challenge
  http://gesture.chalearn.org/

• ActivityNet Large Scale Activity CVPR 2016 Recognition Challenge
to be announced!

• Visual Question Answering CVPR 2016 Challenge
  http://visualqa.org/workshop.html

• Multimodal Machine Translation ACL 2016 Competition Task
  http://www.statmt.org/wmt16/
Datasets

**Objects**
- ImageNet
- PASCAL VOC
- Microsoft COCO

**Scenes**
- SUN Database
- Places Database

**Language and Vision**
- Flickr100M
- Microsoft COCO
- Flickr30K
- Flickr30K Entities
- VQA
- Madlibs
- MPI MovieDescription
Datasets

Action/Activity

• Human Pose Dataset
• UCF101
• HMDB-51

Misc

• MPI Sintel Dataset
• KITTI
• NYUv2

Faces

• Labeled Faces in the Wild
• YouTube Faces DB