CAP 6412 Advanced Computer Vision

http://www.cs.ucf.edu/~bgong/CAP6412.html

Boqing Gong

March 24, 2016

Today

- Administrivia
- Recurrent Neural Networks (RNNs) (Review & Learning)
- Transfer learning meets CNN, by Mert

Project II posted, due Tuesday 04/26, 11:59pm

- http://www.cs.ucf.edu/~bgong/CAP6412/proj2.pdf

Beginning from next week

- A mix of topics
  - Biomedical imaging
  - Middle-level representations: attributes, parts, etc.
  - Video: tracking, action recognition, surveillance
  - 3D computer vision
  - Computational photography
  - Statistical machine learning

Next week

Tuesday (03/29) Dustin Morley	Sirinukunwattana, K., Raza, S. E. A., Tsang, Y. W., Snead, D., Cree, I. A., & Rajpoot, N. M. (2016). Locality sensitive deep learning for detection and classification of nuclei in routine colon cancer histology images. *IEEE transactions on medical imaging*. & Secondary papers
Thursday (03/31) Karan Daei-Mojdehi	

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