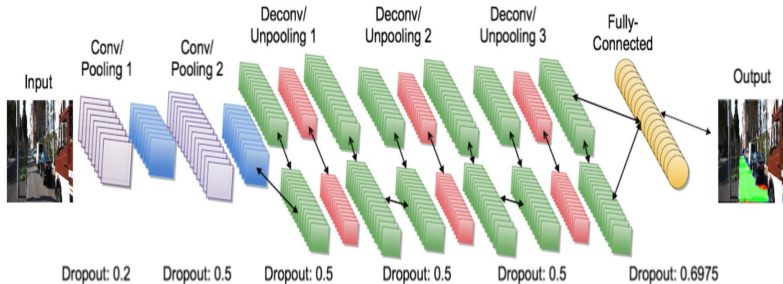


Deep Deconvolutional Networks for Scene Parsing

R. Mohan (ARXIV 2014)



- ▶ Labeling each pixel in an image with the category it belongs to
- ▶ Using raw pixels instead of superpixels
- ▶ Combine deep deconvolutional neural networks with CNNs
- ▶ Multi patch training makes it possible to effectively learn spatial priors from scenes
- ▶ End-to-end training system without requiring post-processing
- ▶ Evaluated on Stanford Background, SIFT Flow, CamVid, and KITTI