



- 
- Output of Softmax (1k class probs)
  - ↑
  - Output of Matrix Multiplications (1k units)
  - ↑
  - Output of reshape to vector:  $16384$  units
  - ↑
  - Output of pooling with stride of  $H$ :  $16 \times 16 \times 64$
  - ↑ → pooled
  - ↑ → pooled
  - Output of convolution + RELU:  $64 \times 64 \times 64$
  - ↑
  - Output of pooling with stride of  $H$ :  $64 \times 64 \times 64$
  - ↑ → pooled
  - ↑ → pooled
  - Output of convolution + RELU:  $256 \times 256 \times 64$
  - ↑
  - Input image:  $256 \times 256 \times 3$