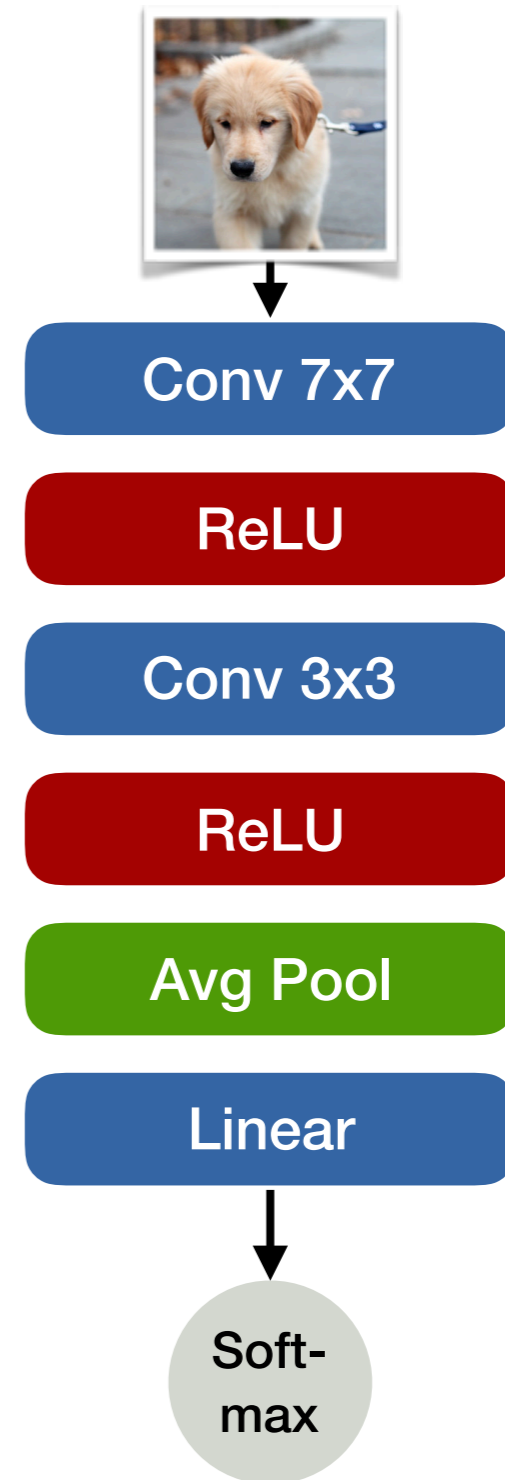


Summary

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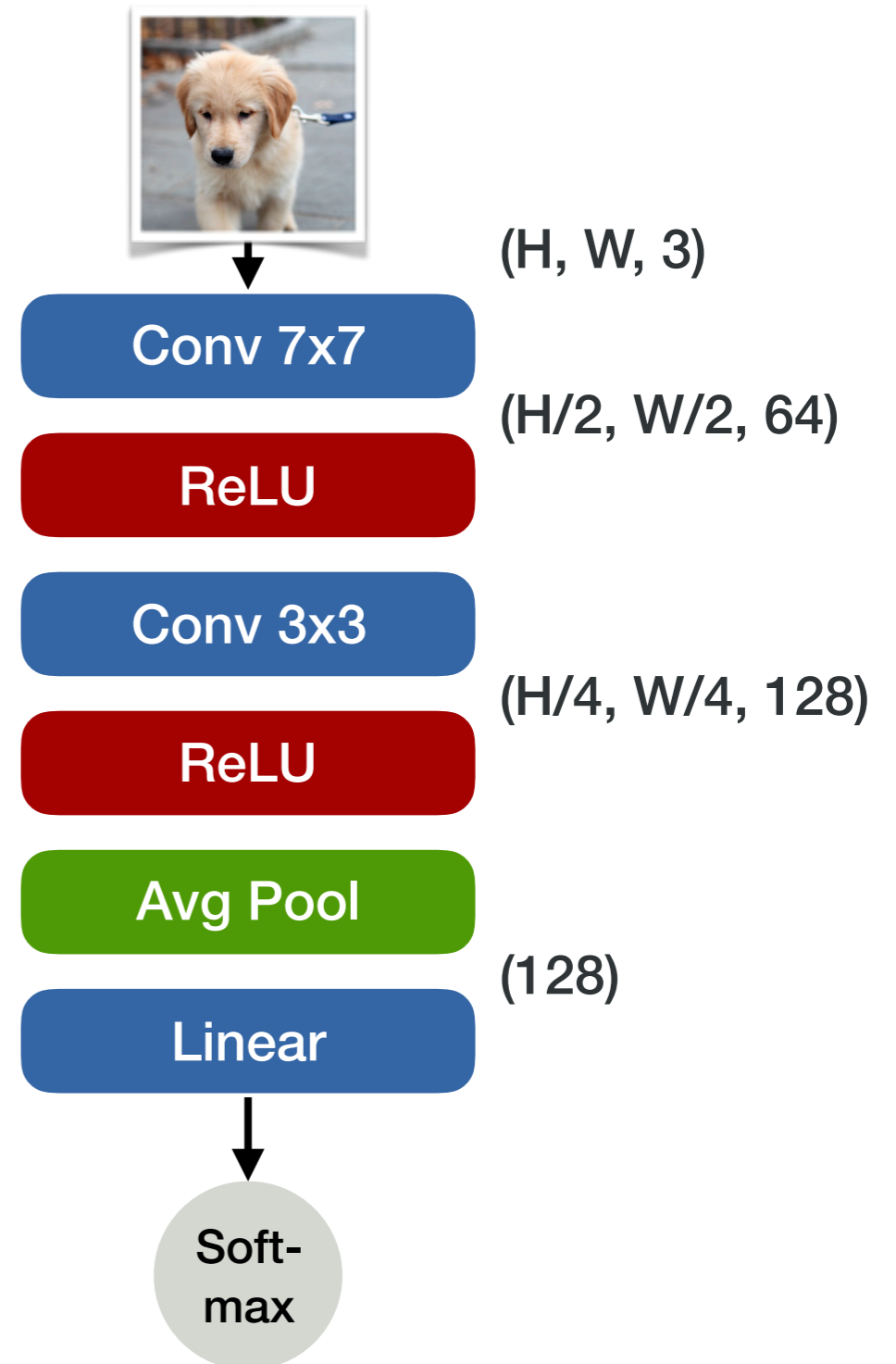
Convolutional networks

- Linear transformations
 - Convolutions
- Convolutional non-linearities
- Pooling



ConvNet Design

- Stride and increase channels
- Small kernel size
- All convolutional
- Up-convolution close to output (optional)



Applications of ConvNets

- Autonomous vehicles
- Analyze medical images
- Geoscience: Analyze scans of rock formations to find oil

