

Practice Interview Questions

Deep Learning (Specialization)

- What is the difference between a single-layer perceptron, and a Deep Neural Network?
- What is backpropagation? How does it work?
- Can you explain Gradient Descent optimization?
- How does Stochastic Gradient Descent work, and what are its advantages?
- Have you heard of the Adam optimizer? Can you explain it?
- What is a convolution?
- How do Convolutional Neural Networks work?
- What is a Fully Connected Layer?
- What is a pooling layer?
- What are Recurrent Neural Networks?
- What sort of improvement does an LSTM bring over RNNs?
- Can you explain the TensorFlow programming model?
- What types of activation functions do you know?
- Why do Deep Neural Networks train faster on GPUs?