



5 Courses

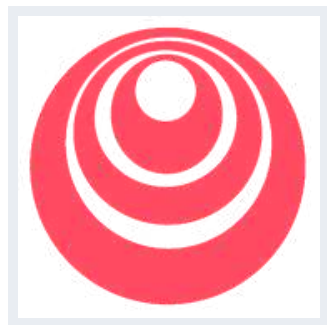
Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models



Aug 20, 2026

Muhammad Uzair Atiq

has successfully completed the online Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Andrew Ng,
Founder,
DeepLearning.AI

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Jul 29, 2026

Muhammad Uzair Atiq

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Neural Networks and Deep Learning

an online course authorized by DeepLearning.AI and offered through Coursera

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Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera

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Aug 2, 2026

Muhammad Uzair Atiq

has successfully completed

**Improving Deep Neural Networks: Hyperparameter
Tuning, Regularization and Optimization**

an online course authorized by DeepLearning.AI and offered through Coursera

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Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera

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Aug 5, 2026

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Structuring Machine Learning Projects

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Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera

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Aug 16, 2026

Muhammad Uzair Atiq

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Convolutional Neural Networks

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Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera

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Aug 20, 2026

Muhammad Uzair Atiq

has successfully completed

Sequence Models

an online course authorized by DeepLearning.AI and offered through Coursera

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Andrew Ng, Founder, DeepLearning.AI

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