

UDACITY For Everyone

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What do you want to learn?

English Help Ad

Intro to Deep Learning with PyTorch

You've completed this program

100% Complete

Curriculum Overview Instructors

Intro to Deep Learning with PyTorch

Learn the basics of deep learning, and build your own deep neural networks using PyTorch, an open-source machine learning library used for applications such as NLP and Computer Vision.

Lesson Welcome to the course! Complete

Discover what deep learning is all about and how it can be used to solve real-world problems.

Lesson Introduction to Neural Networks Complete

Learn what neural networks are, how they work, and how they can be used to solve various problems.

Lesson Taking PyTorch with Saurabh Chitrakar Complete

Meet Saurabh Chitrakar, the creator of PyTorch, and learn about his journey, projects, and future of the Python framework.

Lesson Introduction to PyTorch Complete

Learn how to use PyTorch's API to build deep neural networks. By the end of this lesson, you will have a neural network that can correctly predict one of four colors, and part of the course completion.

Lesson Convolutional Neural Networks Complete

Learn how to use convolutional neural networks to classify images of handwritten digits.

Lesson Style Transfer Complete

Learn how to use neural networks to transfer the style of one image onto another image.

Lesson Recurrent Neural Networks Complete

Learn how to use recurrent neural networks to learn from sequential data, such as text or speech, and generate predictions.

Lesson Sentiment Prediction with RNNs Complete

Now you'll build a recurrent neural network that can successfully predict the sentiment of movie reviews.

Lesson Deploying PyTorch Models Complete

In this lesson, you'll walk through a tutorial showing how to deploy your PyTorch model to the cloud.