The NVIDIA Deep Learning Institute (DLI) and National Tsing Hua University invite you to attend a hands-on deep learning workshop on 2023/11/13 from 4:30 PM at Room 205, General Building II, exclusively for students in 11210IPT553000 Deep Learning in Biomedical Optical Imaging instructed by Prof. Hung-Wen Chen.

NVIDIA DLI offers hands-on training for developers, data scientists, and researchers looking to solve challenging problems with deep learning and accelerated computing.

About This INSTRUCTOR-LED Workshop:

Fundamentals of Deep Learning

Businesses worldwide are using artificial intelligence to solve their greatest challenges. Healthcare professionals use AI to enable more accurate, faster diagnoses in patients. Retail businesses use it to offer personalized customer shopping experiences. Automakers use it to make personal vehicles, shared mobility, and delivery services safer and more efficient. Deep learning is a powerful AI approach that uses multi-layered artificial neural networks to deliver state-of-the-art accuracy in tasks such as object detection, speech recognition, and language translation. Using deep learning, computers can learn and recognize patterns from data that are considered too complex or subtle for expert-written software.

In this workshop, you'll learn how deep learning works through hands-on exercises in computer vision and natural language processing. You'll train deep learning models from scratch, learning tools and tricks to achieve highly accurate results. You'll also learn to leverage freely available, state-of-the-art pre-trained models to save time and get your deep learning application up and running quickly.

Prerequisites:

Understanding of fundamental programming concepts in Python 3 such as functions, loops, dictionaries, and arrays.

Tools, libraries, and frameworks: Tensorflow, Keras, Pandas, Numpy

REGISTER NOW

This workshop is brought to you by:

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