



METHODS, APPLICATIONS AND PLATFORMS

DEEP LEARNING

SUMMER CAMP

#DLCAMP16

In partnership with



NVIDIA Deep Learning Institute and PERSONTYPE

#DLCAMP16



CLASSES IN SESSION 3

UPCOMING CLASSES 0

CLASSES TAKEN

In-Session Class: Deep Learning Labs



0.0
Total Hours



0
Completed Labs



0
Classes Taken

Labs

Class Details

- Exploring TensorFlow on GPUs
- Machine Learning Using TensorFlow (by Google)
- nvidia Detecting Whale Faces using Object Detection
- nvidia Identifying Whale Sounds with Audio Classification
- nvidia Introduction to Deep Learning**
- nvidia Introduction to the DIGITS Deep Learning Training System
- nvidia Getting Started with Caffe for Deep Learning

nvidia Introduction to Deep Learning

Select

If you have not already registered, please check out the [Deep Learning course](#).

In this interactive class we will introduce the rapidly developing technology of Deep Learning accelerated by GPUs. Recent advances in Deep Learning have led to a step change in performance in a number of machine perception tasks including visual perception, speech recognition and natural language understanding after decades of slow progress in these areas. The catalyst for this progress is the advent of big data via the internet, algorithmic advances and dense computation via GPUs. We will tour the most popular software frameworks for Deep Learning with goal of helping you decide which framework best suits your application needs. Some prior knowledge of development and prior knowledge of Deep Learning is required.

Duration:	45 min.
Access Time:	55 min.
Setup Time:	4 min.
Level:	Beginner

nvlabs.qwiklab.com

RESOURCES

NVIDIA

Industry clients: Jack Watts jwatts@nvidia.com

Academia: Jeremy Purches jpurchases@nvidia.com

General inquiries: deeplearning@nvidia.com

PERSONTYLE

Ali Syed ali.syed@persontyle.com

nvidia.qwiklab.com

<https://developer.nvidia.com/deep-learning>



@NVIDIA

@GPUComputing

#DeepLearning #GPU

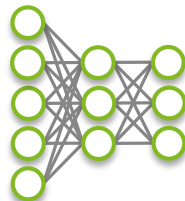
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DEEP LEARNING DEVELOPMENT

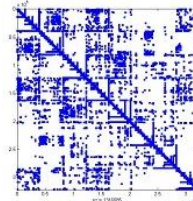
DEEP LEARNING SDK



DIGITS



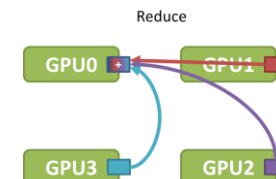
cuDNN



cuSPARSE



cuBLAS



NCCL

TITAN X



DEVBOX



GPU CLOUD



WHAT TO BUY?

From Development → Production



TITAN X
















3XS DL G10 WORKSTATION







SCAN
computers

DGX-1

EDUCATION	
TORCH  facebook	CAFFE Berkeley <small>UNIVERSITY OF CALIFORNIA</small>
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MINERVA   Microsoft	MXNET*  UNIVERSITY OF WASHINGTON  Carnegie Mellon University

BIG SUR  facebook	TEKORFLOW  Google	WATSON  IBM	CNTK  Microsoft
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START-UPS			
CHAINR  Facebook Research	DL4J  SKYMIND	KERAS  SCHULTZ LABORATORIES	OPENDEEP  VITRUVIAN

GIVE FEEDBACK & WIN A GPU

We're raffling a
GEFORCE GTX TITAN X

Respond by
July 29

Survey Link to follow on Friday



DEEP LEARNING LONDON MEETUP

DEEP LEARNING LONDON
Research - Expert Talks - Industry Uses Cases - Platforms and Tools

Deep Learning London NVIDIA

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Deep Learning London

London, United Kingdom
Founded Feb 4, 2014

About us...
+ Invite friends

Welcome!

+ SCHEDULE A NEW MEETUP

Upcoming 1 Past Calendar

****FULLY BOOKED** 2 DAY WORKSHOP: FUNDAMENTALS OF PRACTICAL DEEP LEARNING**

etc.venues Bonhill House
EC2A 4BX, London (map)

Wed Feb 3
9:30 AM

39 going
10 spots left
15 comments

IMPORTANT: Places are only guaranteed if you registered via the workshop registration

What's new

WRITE A BLOG POST & WIN A TICKET TO GTC!

Write a blog post &
submit for review

Respond by
Jul 29

Send your blog post to:

Ali - ali.syed@persontyle.com
Jack - jwatts@nvidia.com

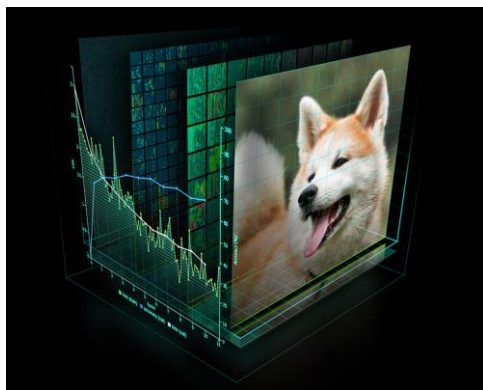


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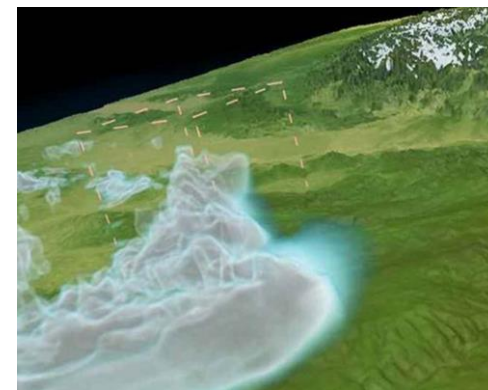
DEEP LEARNING &
ARTIFICIAL INTELLIGENCE



AUTONOMOUS VEHICLES



VIRTUAL REALITY &
AUGMENTED REALITY



SUPERCOMPUTING & HPC

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