



**Data Science  
Academy**

[www.datascienceacademy.com.br](http://www.datascienceacademy.com.br)

**Deep Learning Frameworks**

**Bibliografia, Referências e Links Úteis**



Deep Learning Frameworks

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

Inteligência Artificial e Processamento Paralelo em GPUs

<http://datascienceacademy.com.br/blog/inteligencia-artificial-e-processamento-paralelo-em-gpus/>

CUDA Toolkit Documentation

<http://docs.nvidia.com/cuda/index.html#axzz4dPjAG3pQ>

Simulador de partículas usando CUDA para reproduzir as colisões de 65 mil partículas em tempo real.

<https://youtu.be/RqduA7myZok>

Nvidia cuDNN

<https://developer.nvidia.com/cudnn>

Nvidia Deep Learning SDK

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

Distilling the Knowledge in a Neural Network

<https://arxiv.org/pdf/1503.02531.pdf>

Deep Neural Networks are Easily Fooled: High Confidence Predictions for Unrecognizable Images

<https://arxiv.org/pdf/1412.1897.pdf>

How transferable are features in deep neural networks?

<http://papers.nips.cc/paper/5347-how-transferable-are-features-in-deep-neural-networks.pdf>

CNN Features off-the-shelf: an Astounding Baseline for Recognition

[http://www.cv-foundation.org/openaccess/content\\_cvpr\\_workshops\\_2014/W15/papers/Razavian\\_CNN\\_Features\\_Off-the-Shelf\\_2014\\_CVPR\\_paper.pdf](http://www.cv-foundation.org/openaccess/content_cvpr_workshops_2014/W15/papers/Razavian_CNN_Features_Off-the-Shelf_2014_CVPR_paper.pdf)

Learning and Transferring Mid-Level Image Representations using Convolutional Neural Networks

[http://www.cv-foundation.org/openaccess/content\\_cvpr\\_2014/papers/Oquab\\_Learning\\_and\\_Transferring\\_2014\\_CVPR\\_paper.pdf](http://www.cv-foundation.org/openaccess/content_cvpr_2014/papers/Oquab_Learning_and_Transferring_2014_CVPR_paper.pdf)

Visualizing and Understanding Convolutional Networks

<https://arxiv.org/pdf/1311.2901.pdf>



DeCAF: A Deep Convolutional Activation Feature for Generic Visual Recognition

<https://arxiv.org/pdf/1310.1531.pdf>

AWS P2 GPU Amazon

<https://aws.amazon.com/blogs/aws/new-p2-instance-type-for-amazon-ec2-up-to-16-gpus/>

AWS Free

<https://aws.amazon.com/free/>

Deep Learning Book

<http://www.deeplearningbook.com.br>