



CLASS
ITAI 1378

2010's: The Deep Learning Revolution

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AlexNet

Alex Krizhevsky, Ilya Sutskever, and Geoffrey Hinton demonstrate the power of deep learning with AlexNet, which achieves a breakthrough performance in the ILSVRC

2012

ResNetYOLO

Microsoft's ResNet (Residual Networks) wins the ILSVRC with an error rate significantly lower than previous methods, demonstrating the efficacy of deeper neural networks.

2015

GAN

The introduction of the Generative Adversarial Network (GAN) by Ian Goodfellow opens new possibilities in generating realistic images.

2014

YOLO

The YOLO (You Only Look Once) real-time object detection system by Joseph Redmon and others pushes forward the capabilities of object detection in real-time applications

2017