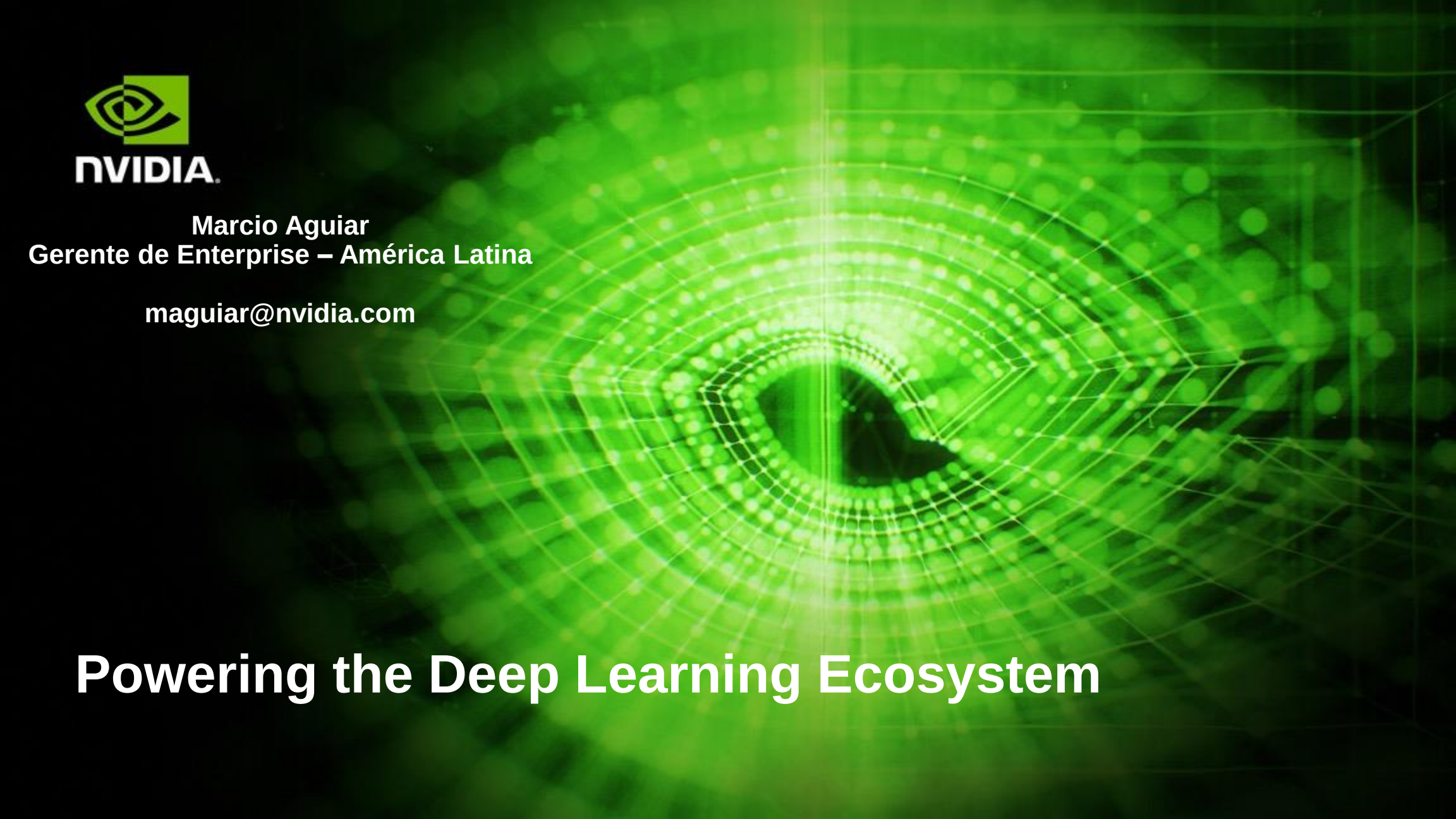

Marcio Aguiar
Gerente de Enterprise – América Latina

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Powering the Deep Learning Ecosystem

SUPERCHARGED COMPUTING FOR THE DA VINCIS AND EINSTEINS OF OUR TIME

We pioneered a supercharged form of computing loved by the most demanding computer users in the world — scientists, designers, artists, and gamers.

NVIDIA GPU computing has become the essential tool of the da Vincis and Einsteins of our time. For them, we've built the equivalent of a time machine.

Fueled by the insatiable demand for better 3D graphics and the massive scale of the gaming market, NVIDIA has evolved the GPU into a computer brain at the exciting intersection of virtual reality, high performance computing, and artificial intelligence.

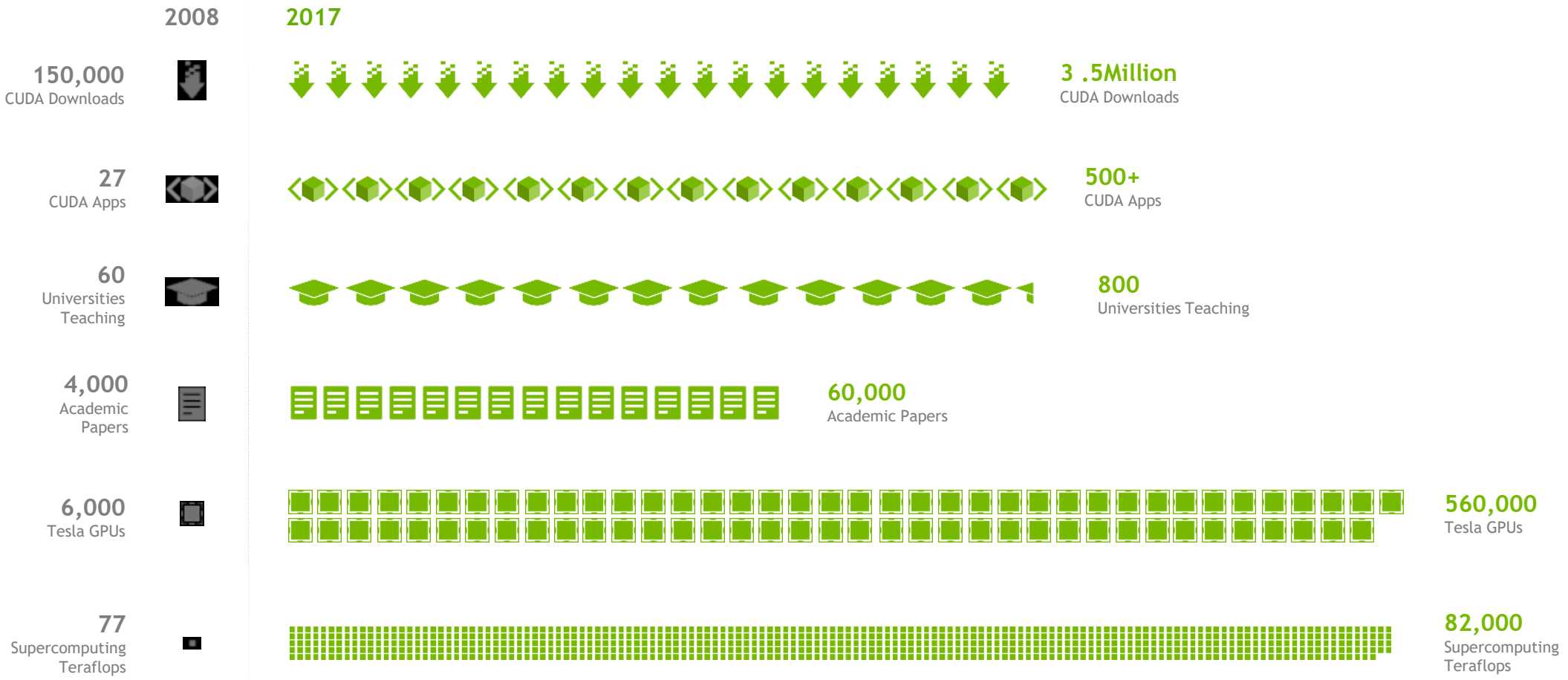
Image: Scientists at ETH Zurich use GPU-powered AI to sharpen our view of distant galaxies.

GPU TECHNOLOGY CONFERENCE

THE EPICENTER OF GPU COMPUTING

GTC was started in 2009 to foster a new approach to high performance computing. Today, it's one of the most important AI events of the year. GTC 2017 hosted more than 7,000 attendees, 260 press and analysts, and 570 technical sessions. The world's top 15 tech companies and top 10 automakers were in attendance, along with more than 100 startups focused on AI and VR.

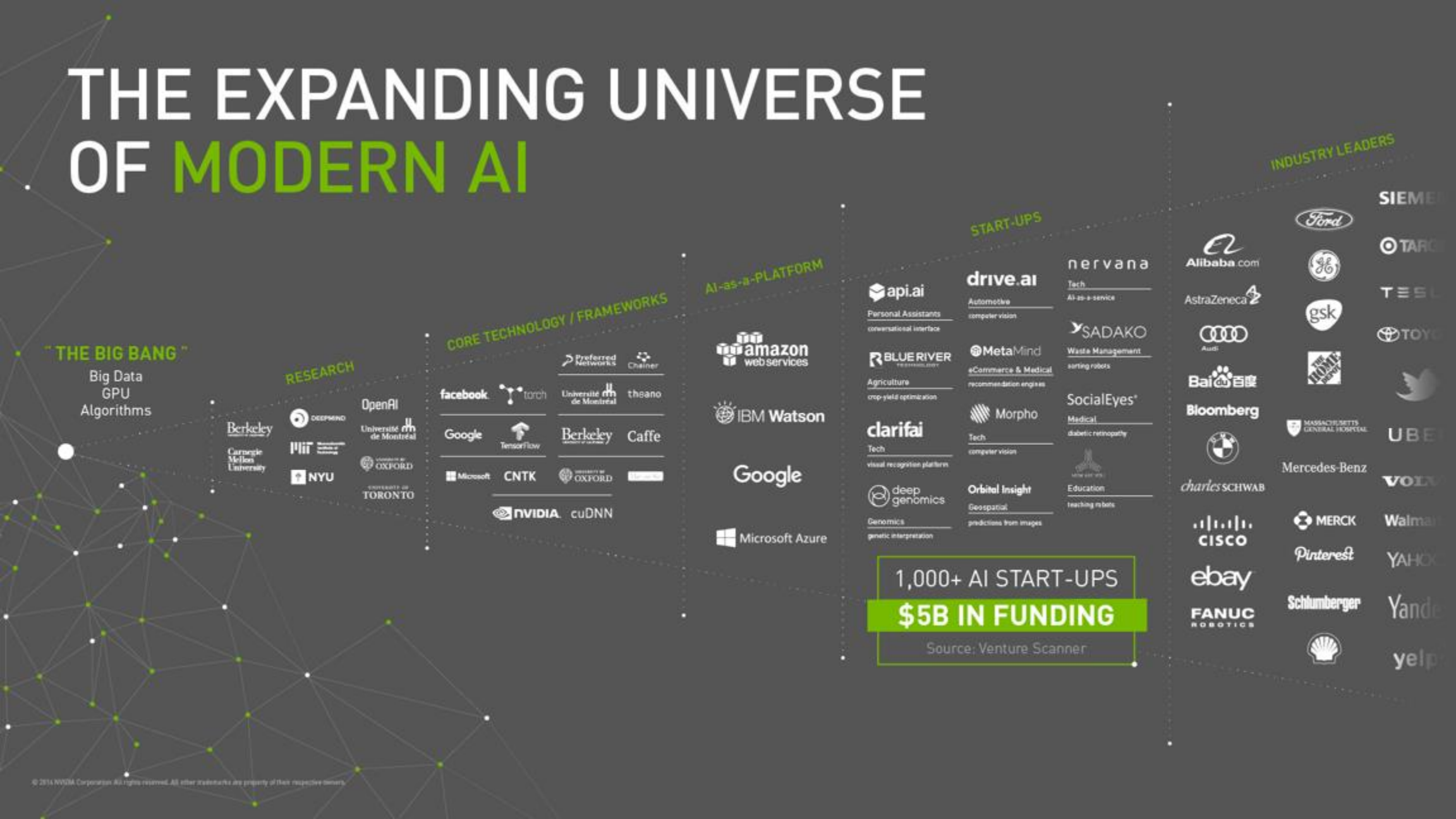
10X GROWTH IN ACCELERATED COMPUTING



520+ GPU-Accelerated Applications

www.nvidia.com/appscatalog

THE EXPANDING UNIVERSE OF MODERN AI



POWERING THE DEEP LEARNING ECOSYSTEM

NVIDIA SDK accelerates every major framework

COMPUTER VISION

OBJECT DETECTION

IMAGE CLASSIFICATION

SPEECH & AUDIO

VOICE RECOGNITION

LANGUAGE TRANSLATION

NATURAL LANGUAGE PROCESSING

RECOMMENDATION ENGINES

SENTIMENT ANALYSIS

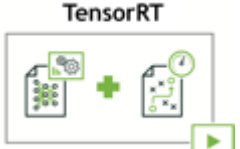
DEEP LEARNING FRAMEWORKS

Caffe
Chainer
DL4J
Deeplearning4j
Mocha.jl
julia
K
KERAS
Microsoft
CNTK
mxnet
Purine
TensorFlow
torch
MatConvNet
MINERVA
OpenDeep
Pylearn2
theano

NVIDIA DEEP LEARNING SDK

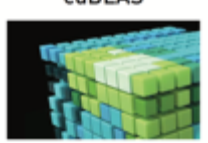
cuDNN

TensorRT



DeepStream SDK

cuBLAS



cuSPARSE

NCCL

developer.nvidia.com/deep-learning-software

AI IS REVOLUTIONIZING EVERY INDUSTRY

In addition to our AI technologies, we advance fundamental research, foster universities and startups, and bring our full capabilities to industries where we can have the greatest impact.

GETTING STARTED WITH DEEP LEARNING

developer.nvidia.com/deep-learning

DLI – DEEP LEARNING INSTITUTE

NVIDIA. | DEEP LEARNING INSTITUTE

http://www.nvidia.com/object/deep-learning-institute.html

ONLINE LABS

The DLI offers self-paced, online labs that are available worldwide.

Applications of Deep Learning with Caffe, Theano, and Torch

Gain an understanding of GPU-accelerated deep learning and learn which deep learning software frameworks are right for you.

Take The Lab >

Image Classification with NVIDIA DIGITS

Learn how to leverage deep neural networks (DNN) within the deep learning workflow to solve a real-world image classification problem using NVIDIA DIGITS™.

Take The Lab >

Object Detection with NVIDIA DIGITS

Explore three approaches to identifying a specific feature within an image using neural networks trained on NVIDIA DIGITS.

Take The Lab >

Image Segmentation with TensorFlow

Explore how to train and evaluate an image segmentation network with TensorFlow, using the Sunnybrook cardiac MRI dataset to identify the left ventricle of a human heart.

Take The Lab >

https://www.nvidia.com/en-us/deep-learning-ai/education/

NVIDIA HW GRANT PROGRAM

Titan X Pascal

- Scientific Computing
- HPC
- Deep Learning

Quadro P5000

- Scientific Visualization
- Virtual Reality

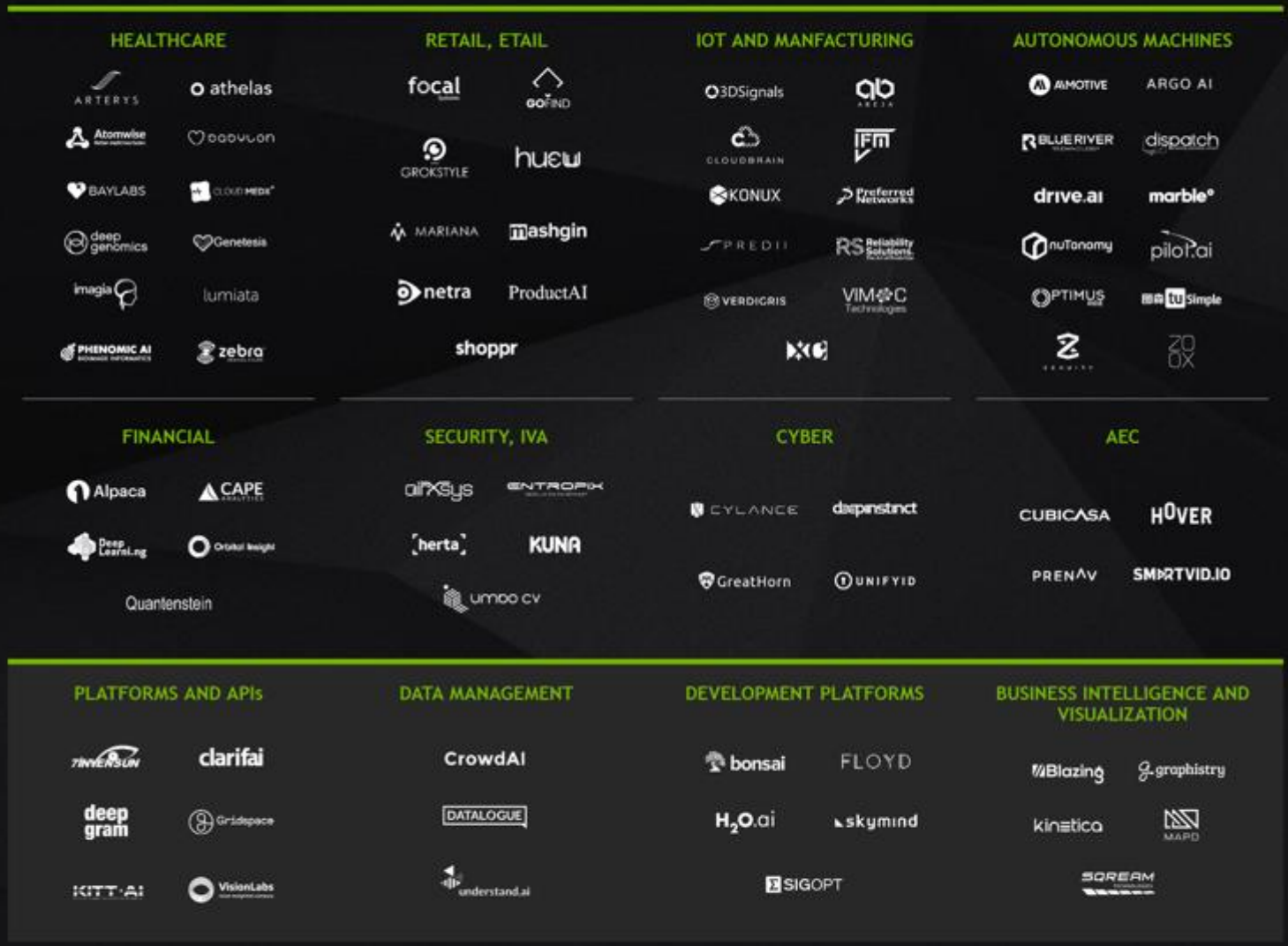
Jetson TX1 (Dev Kit)

- Robotics
- Autonomous Machines

http://www.nvidia.com/object/inception-program.html

NVIDIA INCEPTION — 2.300 DEEP LEARNING STARTUPS

The NVIDIA Inception program nurtures more than 1,300 startups that are revolutionizing industries with advances in AI and data science. The program helps startups during critical stages of product development, prototyping, and deployment. At GTC, our annual developer conference, we awarded six AI startups with a total of $1.5 million to accelerate their work.



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INSPER


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UFU


USP


USP- Santos


SIBGRAPI


Peru


ERAD -RS

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