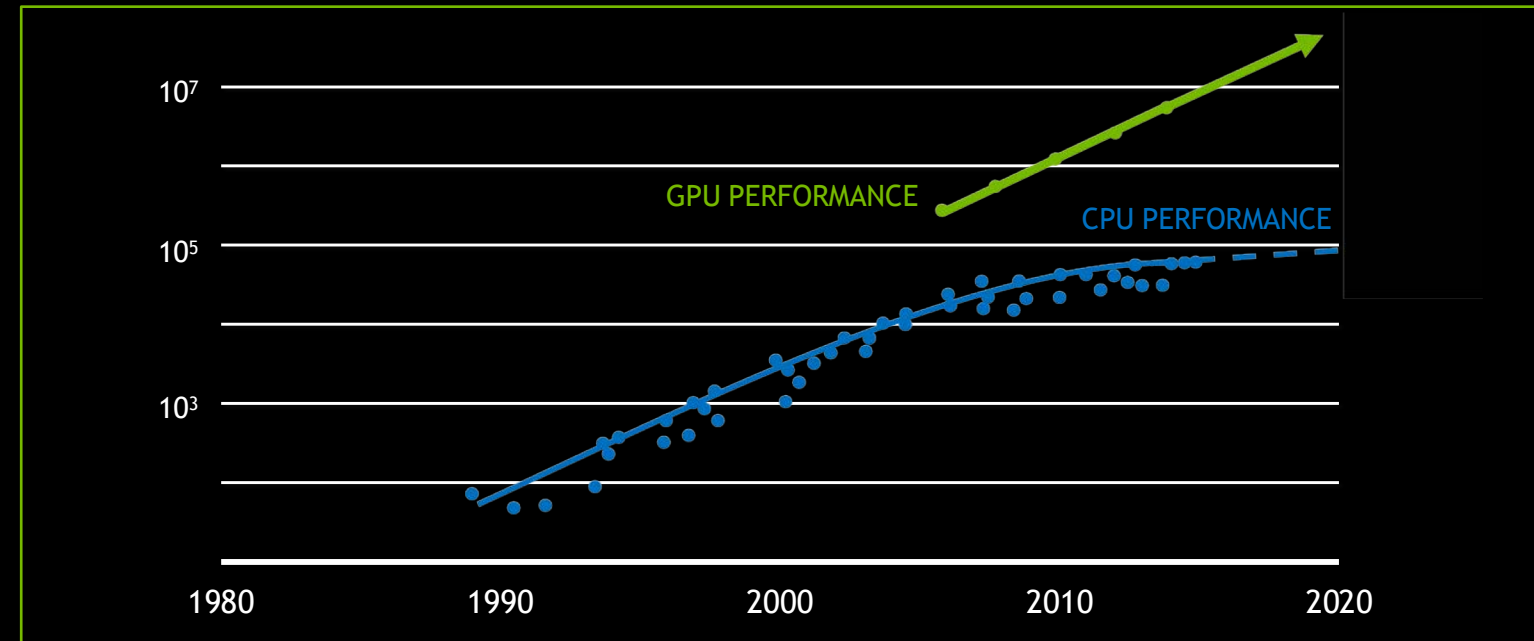




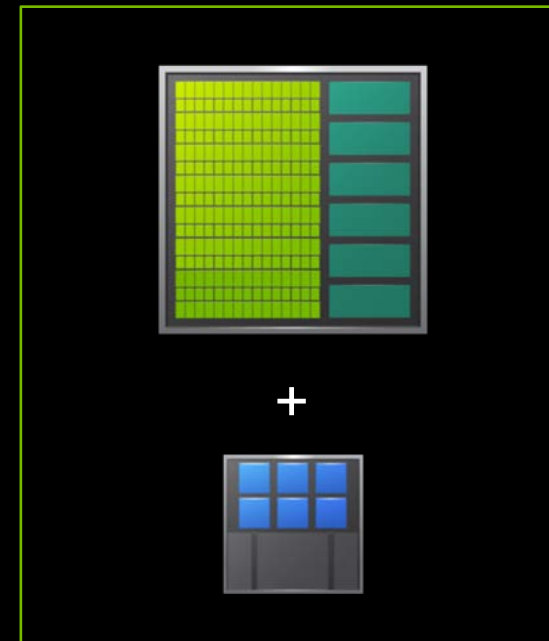
TODAY'S AI —

Anthony Robbins | Accelerated AI | Shaping the Future of Government with Artificial Intelligence

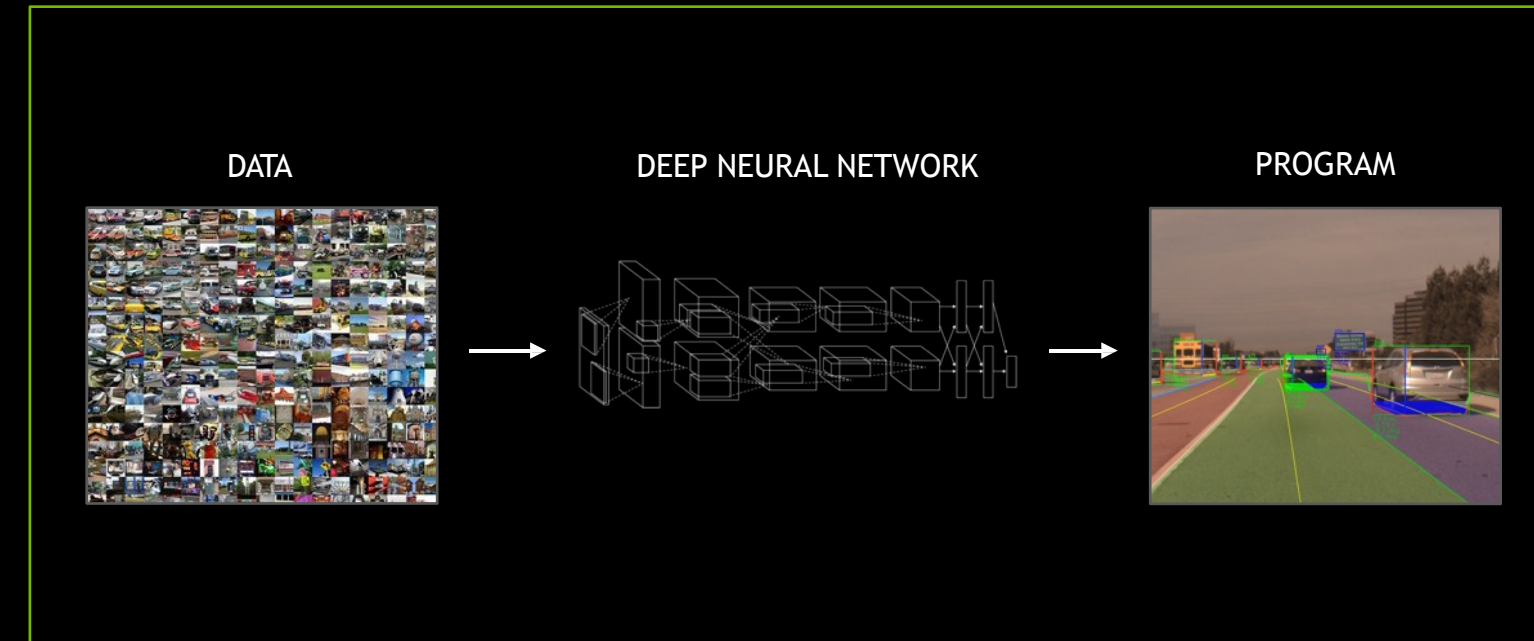
FORCES SHAPING COMPUTING



BEYOND MOORE'S LAW — 1000X EVERY 10 YEARS



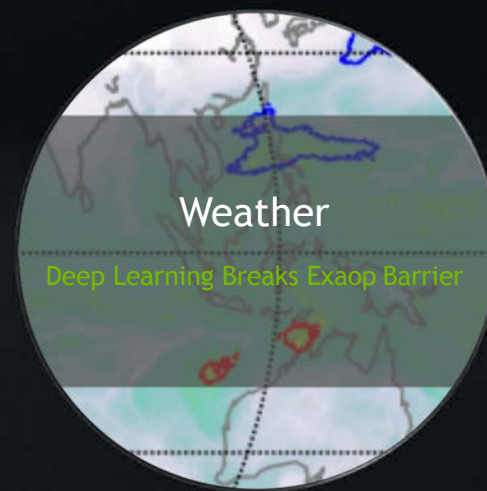
ACCELERATED COMPUTING



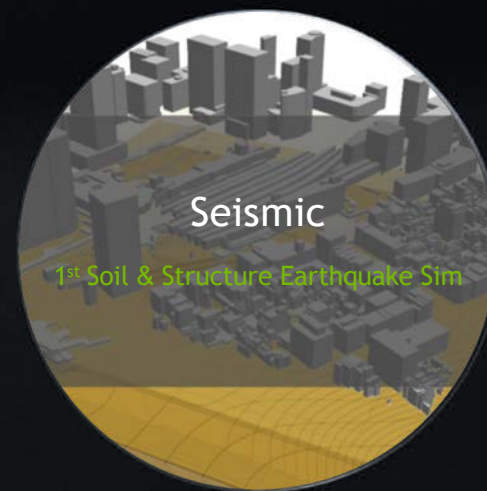
COMPUTERS WRITING SOFTWARE

HPC IS THE INSTRUMENT OF MODERN SCIENCE

5 of 6 Gordon Bell Finalists on Summit



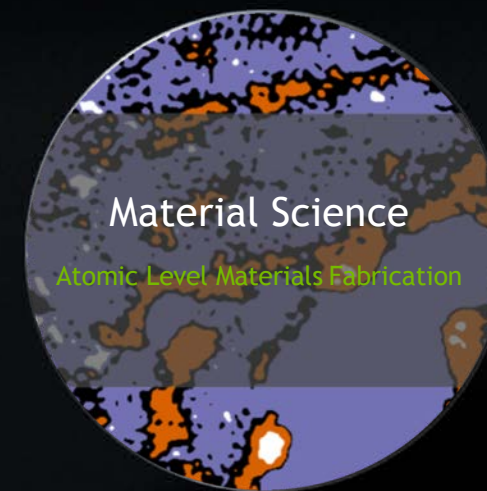
BERKELEY LAB OAK RIDGE National Laboratory NVIDIA



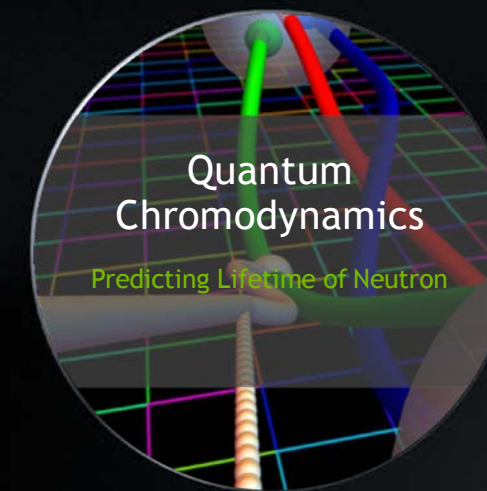
東京大学 THE UNIVERSITY OF TOKYO OAK RIDGE National Laboratory



OAK RIDGE National Laboratory



OAK RIDGE National Laboratory

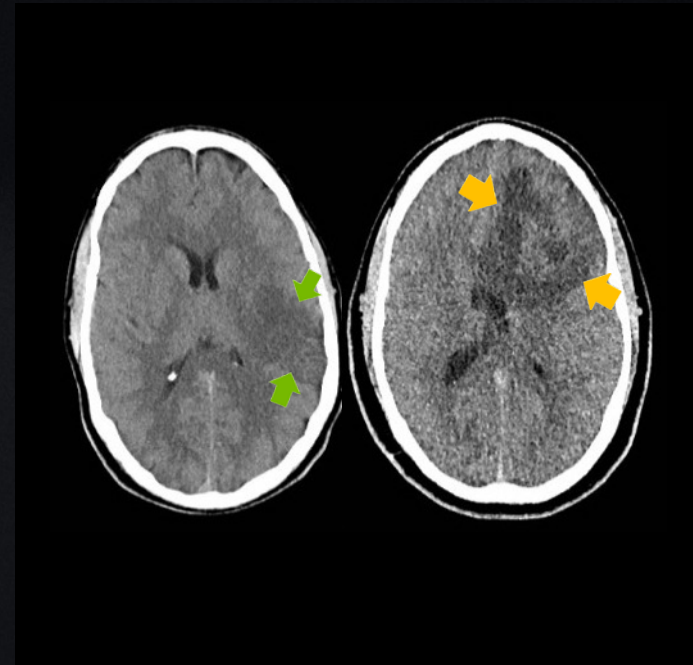


BERKELEY LAB Lawrence Livermore National Laboratory NVIDIA

ARTIFICIAL INTELLIGENCE IS REAL - TRANSFORMING EVERY INDUSTRY TODAY

Healthcare - Saving Stroke Patients

Barbaros S. Erdal, Ph.D
Department of Radiology



TIME IS BRAIN - OVER 80% ACCURACY AND IMMEDIATE ALERT TO RADIOLOGISTS

ARTIFICIAL INTELLIGENCE IS REAL - TRANSFORMING EVERY INDUSTRY TODAY

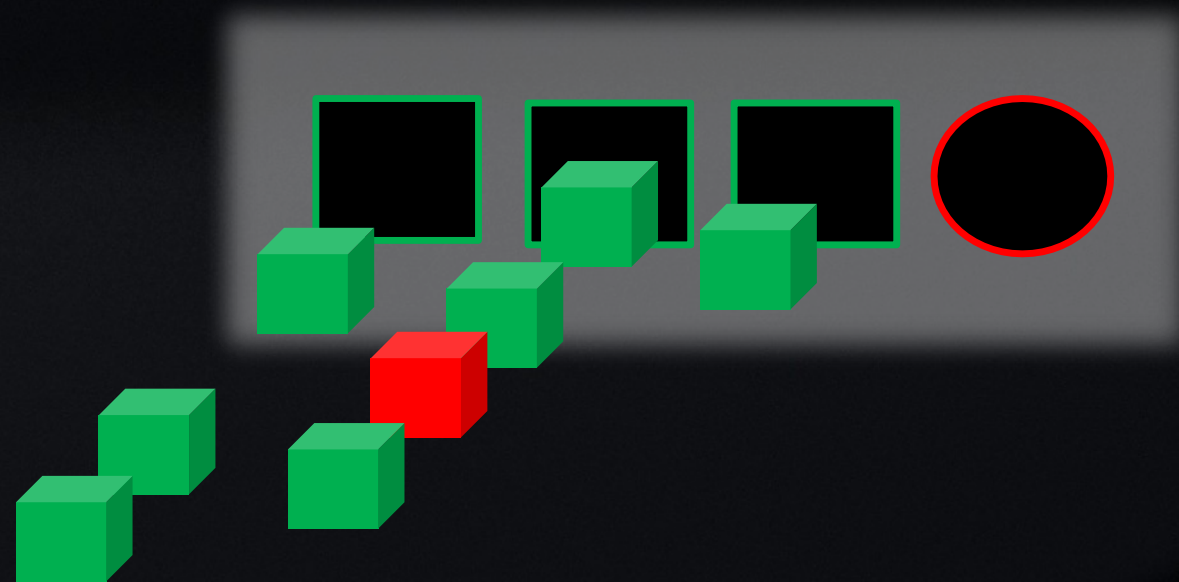
Power Generation - Preventative Maintenance to Reduce Downtime



AI POWERED IOT SENSORS LEAD TO >\$6M/YEAR SAVINGS AND REDUCED RISK OF OUTAGE

ARTIFICIAL INTELLIGENCE IS REAL - TRANSFORMING EVERY INDUSTRY TODAY

Proactive CyberSecurity Stops Threats Before They Happen

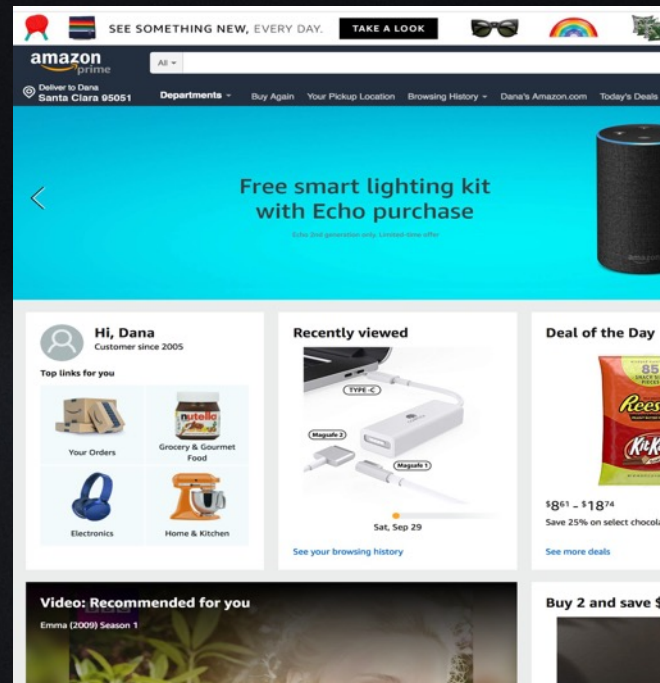


TRADITIONAL SECURITY APPLICATIONS ARE RULEBASED

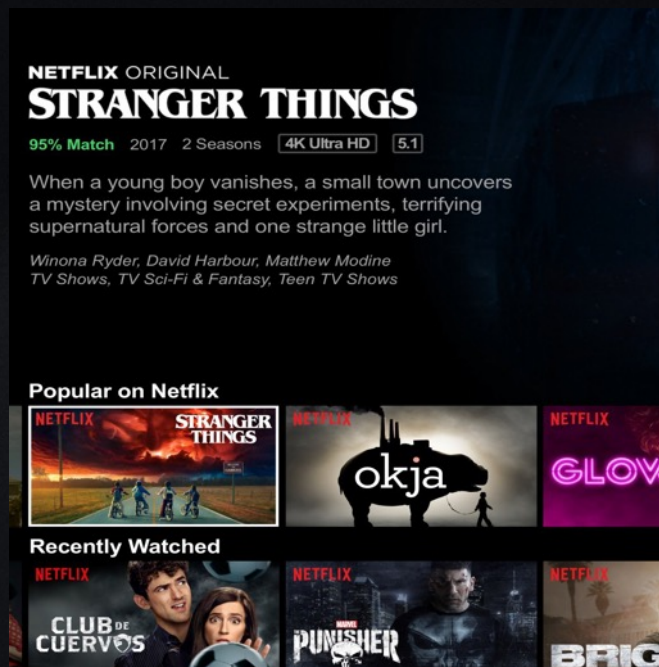


CYLANCE USES AI TO ANALYZE MALWARE DNA TO BLOCK THREATS

ACCELERATED COMPUTING - FROM AI TO MACHINE LEARNING



RETAIL LOGISTICS



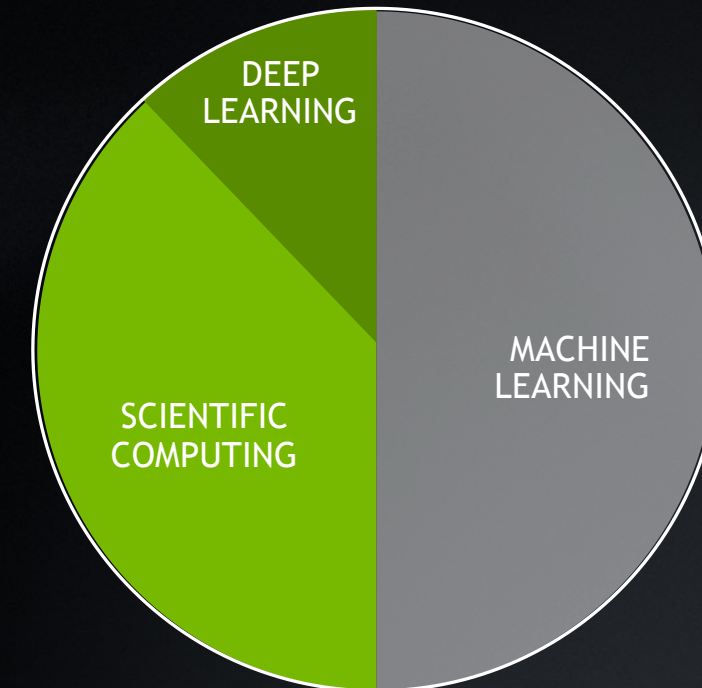
RECOMMENDATION ENGINES



FINANCIAL SERVICES



INSURANCE



2018

NVIDIA POWERS WORLD'S FASTEST SUPERCOMPUTERS

22 of Top 25 Most Energy-efficient Supercomputers | 48% More Top 500 Systems in 1 Year



ORNL Summit
World's Fastest

27,648 GPUs | 144 PF HPC | 3EF AI



LLNL Sierra
US 2nd Fastest

17,280 GPUs | 95 PF



Piz Daint
Europe's Fastest

5,704 GPUs | 21 PF



ABCI
Japan's Fastest

4,352 GPUs | 20 PF



ENI HPC4
Fastest Industrial

3,200 GPUs | 12 PF

