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TECHNICAL RESOURCES

Connecting our research communities to information,

tools, and resources across HPC, AI and Big Data.

Intro to GPU Programming

- Video: Introduction to NVIDIA GPU Computing

- Presentation: Present and Future of Accelerated Computing Programming Approaches

- Videox ACM Winter School 2019 on HPU IT Kanpur

aries

- Documentation: Math and communication libraries.

- Presentation: How CUDA Math Libraries Can Help You Unleash the Power of the New NVIDIA A100 GI

- Video: Recent Developments in NVIDIA Math Library.

- Presentation: High-Performance Sparse Linear Algebra on NVIDIA GPUs with cuSPARSE.

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- Presentation: Accelerating Python with CUDA

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- Presentation: CuPy Acceleration of Persentation Computing with CUDA Python (Fee-based)

- Tutorial: Python Profiling

- Presentation: CuPy Acceleration in Python

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- Presentation: CuPy Acceleration in Python acceleration

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Al/Deep Learning Libraries, Frameworks, SDKs Introduction to Al. Presentation: Dive Into Deep Learning Presentation: Dive Young Automatic Speech Recognition with NYDIAT Technologies Online Course (Fundamental of Deep Learning for Computer Vision (Feel Based) - Gibble, Deep Learning Examples(The latest deep learning example networks for training and - Collementaries.

DNN

Obcumentation: CuDNN Developer Guide

Presentation: CuDNN to New Advances in Deep Learning Acceleration: APIs, Optimizations, and How to Tackle the Future Challen

Hardware and Software

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