



Certificate of Competency

This certificate is awarded to

Haroun MOUSSA

for demonstrating competence in the completion of

**Data Parallelism: How to Train Deep Learning Models on
Multiple GPUs**

A handwritten signature in black ink that reads "Greg a Estes".

Greg Estes

Vice President, NVIDIA

Issue Date: : décembre 24, 2025

Certification ID: I_DYKI8_ROOLzZ_3WSXZ1w

