



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, appearing to read "Greg Estes", written over a horizontal line.

Greg Estes

Vice President, NVIDIA

Issue Date: : décembre 24, 2025

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