CERTIFICATE OF COMPLETION

Presented to:

Vladimir Costa de Alencar

On the date of 05/07/2025 to complete 456 curriculum hours of online study at

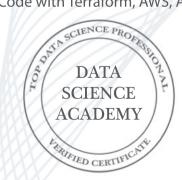
Artificial Intelligence EngineerTraining Program

Including the following topics:

Deep Learning for AI Applications with PyTorch and Lightning
Cyber Security Data Science
Image Analysis with Artificial Intelligence
Time Series Analysis and Forecasting with Artificial Intelligence
Natural Language Processing with Transformers
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