EUROPEAN INFORMATION TECHNOLOGIES CERTIFICATION INSTITUTE, ASBL.

Brussels, Belgium, European Union

CERTIFICATE

Hugo Lopes

Has successfully completed test requirements of
The European Information Technologies Certification Programme

EITC/AI/ADL Advanced Deep Learning

Certification Programme examination result: 66.67%

Certification Programme description:

Introduction: introduction to advanced machine learning approaches; Neural networks: neural networks foundations; Advanced computer vision: convolutional neural networks for image recognition, advanced models for computer vision; Optimization: optimization for machine learning; Recurrent neural networks: sequences and recurrent networks; Natural language processing: advanced deep learning for natural language processing; Attention and memory: attention and memory in deep learning; Generative adversarial networks: advances in generative adversarial networks; Unsupervised learning: unsupervised representation learning; Advanced generative models: modern latent variable models; Responsible innovation: responsible innovation and artificial intelligence

Certificate Programme version/revision: EITC/AI/ADLv1r1

CERTIFICATE ID: **EITC/AI/ADL/SLJ26004408**

To validate authenticity of this certificate or review its programme and test results scan/click QR code or visit:
www.eitci.org/validate

DATE OF ISSUE:
January 2026
Brussels, Belgium
European Union