



**Stanford** | ONLINE

Sep 15, 2024

# Chourouq Batiche

has successfully completed

## Unsupervised Learning, Recommenders, Reinforcement Learning

an online non-credit course authorized by DeepLearning.AI and Stanford University and  
offered through Coursera

A handwritten signature in black ink, appearing to read 'Andrew Ng'.

Andrew Ng, Instructor, DeepLearning.AI

COURSE  
CERTIFICATE



Verify at:

<https://coursera.org/verify/O9C1401WU4CI>

Coursera has confirmed the identity of this individual and their  
participation in the course.