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Hamza SADAOU

has successfully completed

Machine Learning: Clustering & Retrieval

a MOOC from the University of Washington and offered through Coursera

A handwritten signature in black ink, reading 'Emily Fox'.

Emily Fox
Amazon Professor of Machine Learning
Statistics

A handwritten signature in black ink, reading 'Carlos Guestrin'.

Carlos Guestrin
Amazon Professor of Machine Learning
Computer Science and Engineering

COURSE
CERTIFICATE



Verify at coursera.org/verify/HL3JYC3XD7HV

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