

COURSE CERTIFICATE

02/01/2019

Mohamed Hassan Shanan

has successfully completed

Machine Learning: Clustering & Retrieval

a MOOC from the University of Washington and offered through Coursera



hinly fox

Emily Fox Amazon Professor of Machine Learning Statistics Con go

Carlos Guestrin Amazon Professor of Machine Learning Computer Science and Engineering

Verify at coursera.org/verify/CZ8K97BUBJMZ

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