Stanford | ONLINE

COURSE CERTIFICATE

02/12/2017

Abdulhadi Darwish

has successfully completed

Machine Learning

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

Andrew Ng

Associate Professor Andrew Ng
Computer Science Department
Stanford University

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at coursera.org/verify/9HCDQQLTYCSP

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

W UNIVERSITY *of* WASHINGTON

COURSE CERTIFICATE

EDUCATION FOR EVERYONE

coursera

COURSE CERTIFICATE

10/27/2016

Abdulhadi Darwish

has successfully completed

Machine Learning Foundations: A Case Study Approach

a MOOC from the University of Washington and offered through Coursera

Carlos Guestrin
Amazon Professor of Machine Learning
Computer Science and Engineering

Emily Fox
Amazon Professor of Machine Learning
Statistics

Verify at coursera.org/verify/RFXFDUAG6GLZ
Coursera has confirmed the identity of this individual and
their participation in the course.

UNIVERSITY OF MICHIGAN

COURSE
CERTIFICATE

01/30/2018

Abdulhadi Darwish

has successfully completed

Introduction to Data Science in Python

an online non-credit course authorized by University of Michigan and offered through Coursera

EDUCATION FOR EVERYONE

coursera

COURSE CERTIFICATE

Christopher Brooks
Research Assistant Professor
School of Information

IBM

COURSE CERTIFICATE

01/25/2020

Abdulhadi Darwish

has successfully completed

What is Data Science?

an online non-credit course authorized by IBM and offered through Coursera

EDUCATION FOR EVERYONE · **coursera** · COURSE CERTIFICATE

Alex Aklson, Ph.D.
Data Scientist

Polong Lin
Data Scientist, IBM

UNIVERSITY OF MICHIGAN

COURSE
CERTIFICATE

02/22/2018

Abdulhadi Darwish

has successfully completed

Applied Text Mining in Python

an online non-credit course authorized by University of Michigan and offered through Coursera

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

V. G. Vinod Vydiswaran
Assistant Professor
School of Information

UNIVERSITY OF
MICHIGAN

01/24/2020

Abdulhadi Darwish

has successfully completed

Applied Social Network Analysis in Python

an online non-credit course authorized by University of Michigan and offered through
Coursera

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Daniel Romero, Ph.D.
Assistant Professor
School of Information
University of Michigan

ILLINOIS

10/19/2019

Abdulhadi Darwish

has successfully completed

Text Mining and Analytics

an online non-credit course authorized by University of Illinois at Urbana-Champaign
and offered through Coursera

EDUCATION FOR EVERYONE · COURSE CERTIFICATE ·

coursera

ChengXiang Zhai
Professor and Willett Faculty Scholar
Department of Computer Science

ILLINOIS

12/30/2018

Abdulhadi Darwish

has successfully completed

Text Retrieval and Search Engines

an online non-credit course authorized by University of Illinois at Urbana-Champaign
and offered through Coursera

ChengXiang Zhai
Professor and Willett Faculty Scholar
Department of Computer Science

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE ·

deeplearning

12/05/2017

Abdulhadi Darwish

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by deeplearning.ai and offered through
Coursera

EDUCATION FOR EVERYONE
coursera
COURSE CERTIFICATE

Adjunct Professor Andrew Ng
Computer Science

deeplearning.ai

01/26/2018

Abdulhadi Darwish

has successfully completed

Structuring Machine Learning Projects

an online non-credit course authorized by deeplearning.ai and offered through Coursera

Andrew Ng

Adjunct Professor Andrew Ng
Computer Science

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at coursera.org/verify/TYSRQBUBJB7E

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

deeplearning.ai

05/19/2018

Abdulhadi Darwish

has successfully completed

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

an online non-credit course authorized by deeplearning.ai and offered through Coursera

Andrew Ng

Adjunct Professor Andrew Ng
Computer Science

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

deeplearning.ai

01/25/2020

Abdulhadi Darwish

has successfully completed

Convolutional Neural Networks

an online non-credit course authorized by deeplearning.ai and offered through Coursera

Andrew Ng

Adjunct Professor Andrew Ng
Computer Science

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at coursera.org/verify/HY2F49WDJAFC

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

deeplearning.ai

01/26/2020

Abdulhadi Darwish

has successfully completed

Sequence Models

an online non-credit course authorized by deeplearning.ai and offered through Coursera

EDUCATION FOR EVERYONE

coursera

COURSE CERTIFICATE

Andrew Ng

Adjunct Professor Andrew Ng
Computer Science

Verify at coursera.org/verify/7V2WGEFAHVV9

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

ILLINOIS

COURSE CERTIFICATE

12/18/2018

Abdulhadi Darwish

has successfully completed

Data Visualization

an online non-credit course authorized by University of Illinois at Urbana-Champaign
and offered through Coursera

John C. Hart
Professor
Department of Computer Science

EDUCATION FOR EVERYONE · COURSE CERTIFICATE ·

coursera

UNIVERSITY OF MINNESOTA
Driven to Discover℠

COURSE CERTIFICATE

06/14/2018

Abdulhadi Darwish

has successfully completed

Introduction to Recommender Systems: Non-Personalized and Content-Based

an online non-credit course authorized by University of Minnesota and offered through Coursera

EDUCATION FOR EVERYONE · COURSE CERTIFICATE ·
coursera

Joseph A. Konstan
Distinguished McKnight Professor
Distinguished University Teaching Professor
Department of Computer Science and Engineering
University of Minnesota

Assistant Professor, Boise State University
Guest Instructor, University of Minnesota