

# Stanford | ONLINE

03/30/2020

## Veer Singh

has successfully completed

### Machine Learning

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



Associate Professor Andrew Ng  
Computer Science Department  
Stanford University

SOME ONLINE COURSES MAY DRAW ON MATERIAL FROM COURSES TAUGHT ON-CAMPUS BUT THEY ARE NOT EQUIVALENT TO ON-CAMPUS COURSES. THIS STATEMENT DOES NOT AFFIRM THAT THIS PARTICIPANT WAS ENROLLED AS A STUDENT AT STANFORD UNIVERSITY IN ANY WAY. IT DOES NOT CONFER A STANFORD UNIVERSITY GRADE, COURSE CREDIT OR DEGREE, AND IT DOES NOT VERIFY THE IDENTITY OF THE PARTICIPANT.

## COURSE CERTIFICATE



Verify at [coursera.org/verify/CQTZKJH3NLBX](https://coursera.org/verify/CQTZKJH3NLBX)  
Coursera has confirmed the identity of this individual and  
their participation in the course.



5 Courses

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models



08/30/2020

**Veer Singh**

has successfully completed the online, non-credit Specialization

# Deep Learning

The Deep Learning Specialization is designed to prepare learners to participate in the development of cutting-edge AI technology, and to understand the capability, the challenges, and the consequences of the rise of deep learning. Through five interconnected courses, learners develop a profound knowledge of the hottest AI algorithms, mastering deep learning from its foundations (neural networks) to its industry applications (Computer Vision, Natural Language Processing, Speech Recognition, etc.).

A handwritten blue ink signature of the name "Andrew Ng".

Adjunct Professor  
Andrew Ng  
Computer Science

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:  
[coursera.org/verify/specialization/DTKJGJMD8GGJ](https://coursera.org/verify/specialization/DTKJGJMD8GGJ)



07/08/2020

## Veer Singh

has successfully completed

### Neural Networks and Deep Learning

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

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science

## COURSE CERTIFICATE



Verify at [coursera.org/verify/UF48K8C33DHZ](https://coursera.org/verify/UF48K8C33DHZ)

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



07/20/2020

## Veer Singh

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

A handwritten signature in blue ink that appears to read "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science

## COURSE CERTIFICATE



Verify at [coursera.org/verify/ASS5B98WKACT](https://coursera.org/verify/ASS5B98WKACT)

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



07/28/2020

## Veer Singh

has successfully completed

### Structuring Machine Learning Projects

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

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science

## COURSE CERTIFICATE



Verify at [coursera.org/verify/PYSZRFT8W4B7](https://coursera.org/verify/PYSZRFT8W4B7)

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



# deeplearning.ai

08/14/2020

## Veer Singh

has successfully completed

### Convolutional Neural Networks

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

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science

## COURSE CERTIFICATE



Verify at [coursera.org/verify/Y83WRGBTD47S](https://coursera.org/verify/Y83WRGBTD47S)

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



08/30/2020

## Veer Singh

has successfully completed

### Sequence Models

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

A handwritten signature in blue ink that reads "Andrew Ng".

Adjunct Professor Andrew Ng  
Computer Science

## COURSE CERTIFICATE



Verify at [coursera.org/verify/LD96R4J7NRTB](https://coursera.org/verify/LD96R4J7NRTB)

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

## CCNA Routing and Switching: Introduction to Networks

The student has successfully achieved student level credential for completing CCNA Routing and Switching: Introduction to Networks course administered by the undersigned instructor. The student was able to proficiently:

- Explain network technologies.
- Explain how devices access local and remote network resources.
- Describe router hardware.
- Explain how switching operates in a small to medium-sized business network.
- Design an IP addressing scheme to provide network connectivity for a small to medium- sized business network.
- Configure initial settings on a network device.
- Implement basic network connectivity between devices.
- Configure monitoring tools available for small to medium-sized business networks.

**Veer Singh**

Student

**Faculty of Informatics University of Debrecen**

Academy Name

**Hungary**

Location



Laura Quintana  
VP & General Manager, Cisco Networking Academy

**13 Jan 2020**

Date



May 25, 2021

Veer Singh

has successfully completed

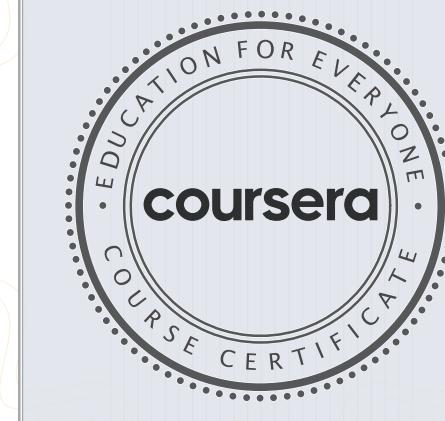
Programming for Everybody (Getting Started with Python)

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

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/7E8EB9HG76RV](https://coursera.org/verify/7E8EB9HG76RV)

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



31-Jul-2021

Veer Singh

has successfully completed

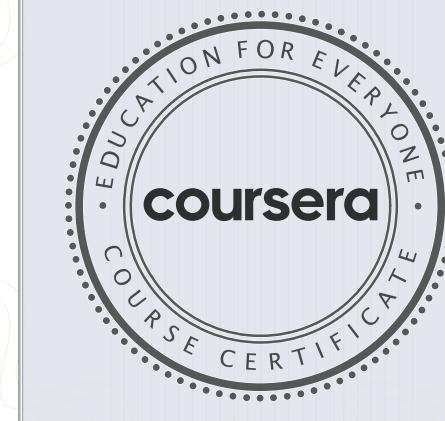
Python Data Structures

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

A handwritten signature in black ink that appears to read "Charles Severance".

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/RY4NZ744SQHE](https://coursera.org/verify/RY4NZ744SQHE)

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