



Sep 6, 2021

Zhengguo Tan

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'.

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera  
Kian Katanforoosh, Co-founder, Workera  
Younes Bensouda Mourri, Instructor of AI, Stanford University

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/77MH4V3RVTTE](https://coursera.org/verify/77MH4V3RVTTE)  
Coursera has confirmed the identity of this individual and their  
participation in the course.



Sep 21, 2021

# Zhengguo Tan

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 reads 'Andrew Ng'.

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera  
Kian Katanforoosh, Co-founder, Workera  
Younes Bensouda Mourri, Instructor of AI, Stanford University

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/DPZ2AVSJSNMA](https://coursera.org/verify/DPZ2AVSJSNMA)  
Coursera has confirmed the identity of this individual and their participation in the course.



Sep 25, 2021

Zhengguo Tan

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'.

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera  
Kian Katanforoosh, Co-founder, Workera  
Younes Bensouda Mourri, Instructor of AI, Stanford University

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/BK42TUA765LG](https://coursera.org/verify/BK42TUA765LG)  
Coursera has confirmed the identity of this individual and their participation in the course.



Oct 19, 2021

Zhengguo Tan

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'.

Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera  
Kian Katanforoosh, Co-founder, Workera  
Younes Bensouda Mourri, Instructor of AI, Stanford University

COURSE  
CERTIFICATE



Verify at [coursera.org/verify/L7MM7EFW3JQG](https://coursera.org/verify/L7MM7EFW3JQG)  
Coursera has confirmed the identity of this individual and their participation in the course.