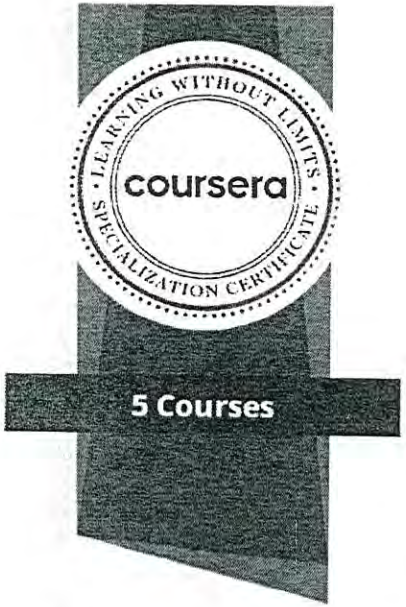


37

Sep 20, 2020

Ajay Raja Singh

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Certified as
TRUE COPY

I/c Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086

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/LLAP28JZMVVS

DeepLearning.AI

COURSE CERTIFICATE

Akshay Suryakant Sawant

has successfully completed

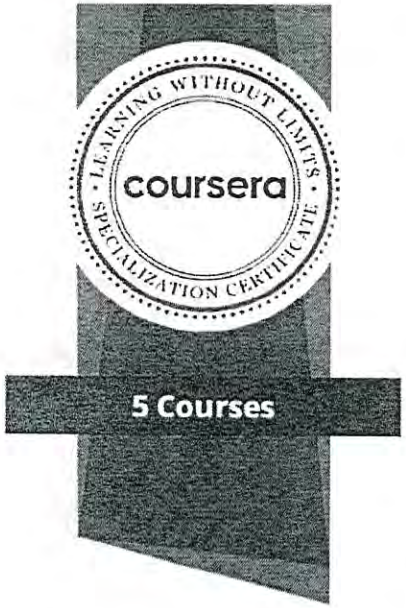
Neural Networks and Deep Learning

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

EDUCATION FOR EVERYONE · COURSE CERTIFICATE · coursera

Certified as TRUE COPY

Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.



47

Sep 20, 2020

Arati Anandkumar Yadav

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Certified as
TRUE COPY

I/c Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086

Verify this certificate at:
coursera.org/verify/specialization/QKCHL9XZ5F6T

DeepLearning.AI

COURSE CERTIFICATE

33

Sep 21, 2020

JITENDRA SURENDRA SHARMA

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

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

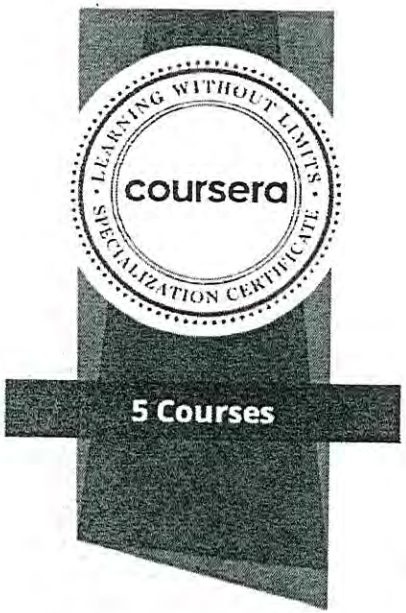
Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera
Kian Katanforoosh, Co-founder, Workera
Younes Bensouda Mourri, Instructor of AI, Stanford University

Certified as
TRUE COPY

I/c Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Verify at coursera.org/verify/PR9SMZQGU7ML

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



24

Sep 21, 2020

Namrata Deepak Kamrani

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models

Andrew Ng,
Founder,
DeepLearning.AI

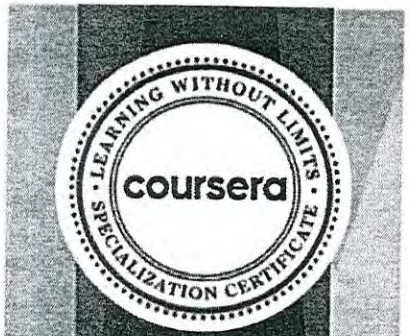
Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Certified as TRUE COPY

The Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Verify this certificate at:
coursera.org/verify/specialization/5VAL5NVFH2KV



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

20

Sep 21, 2020

OMKAR SURYAKANT GUNJAL

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Certified as TRUE COPY

Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

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/XJUG7LUUQYR5

DeepLearning.AI

COURSE CERTIFICATE

49

Sep 21, 2020

Priyanka Suryakant Zarkar

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

Andrew Ng

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

Certified as TRUE COPY

Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Verify at coursera.org/verify/KH9ERZ7P9ZB3

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

DeepLearning.AI

COURSE CERTIFICATE

Sep 20, 2020

Rajesh Ajit Chalke

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

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

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Verify at coursera.org/verify/U3T8VFKUXXNK
Coursera has confirmed the identity of this individual and their participation in the course.

DeepLearning.AI

COURSE CERTIFICATE

45

Sep 20, 2020

Rajesh Tiwari

has successfully completed

Neural Networks and Deep Learning

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

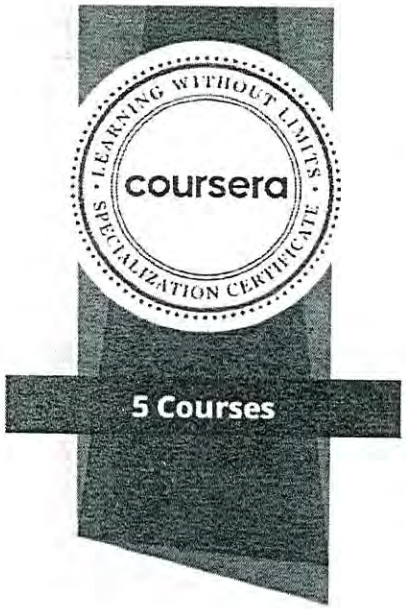
Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera
Kian Katanforoosh, Co-founder, Workera
Younes Bensouda Mourri, Instructor of AI, Stanford University

Certified as
TRUE COPY

Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Verify at coursera.org/verify/TDHV9XHF6SFF

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



22

Sep 14, 2020

Sumera Hangi

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Certified as
TRUE COPY

The Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Verify this certificate at:
coursera.org/verify/specialization/CNQ9GC6LTNEM

DeepLearning.AI

COURSE CERTIFICATE

41

Sep 18, 2020

suraj 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

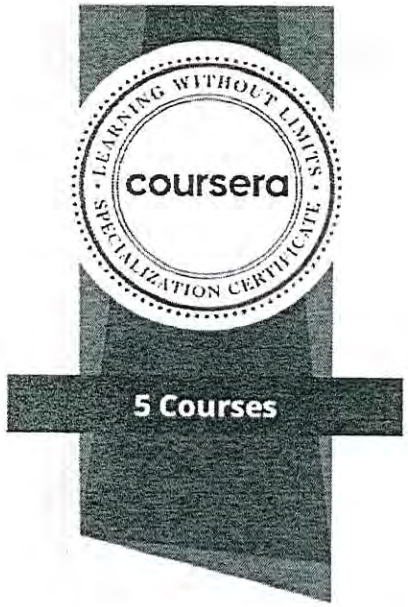
Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera
Kian Katanforoosh, Co-founder, Workera
Younes Bensouda Mourri, Instructor of AI, Stanford University

Certified as
TRUE COPY

I/c Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Verify at coursera.org/verify/FWKJV3T5RPR5

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



43

Sep 21, 2020

Swapnil Pradeep

has successfully completed the online, non-credit Specialization

Deep Learning

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Neural Networks and Deep Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Structuring Machine Learning Projects

Convolutional Neural Networks

Sequence Models

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Certified as
TRUE COPY

I/c Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Verify this certificate at:
coursera.org/verify/specialization/UHVPFX2UP4ZW

DeepLearning.AI

COURSE CERTIFICATE

20

Sep 20, 2020

Yogesh Satyanarayan Mishra

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

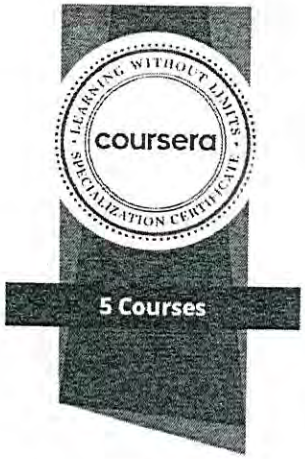
Andrew Ng, Founder, DeepLearning.AI & Co-founder, Coursera
Kian Katanforoosh, Co-founder, Workera
Younes Bensouda Mourri, Instructor of AI, Stanford University

Certified as
TRUE COPY

I/c Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Verify at:
coursera.org/verify/LM9XKGCAJ79Y

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



Sep 21, 2020

Ajay Dhanushdhari Chaurasiya

has successfully completed the online, non-credit Specialization

Deep Learning

- **Neural Networks and Deep Learning**
- **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization**
- **Structuring Machine Learning Projects**
- **Convolutional Neural Networks**
- **Sequence Models**

Congratulations! You have completed all 5 courses of the Deep Learning Specialization. In this Specialization, you built neural network architectures such as Convolutional Neural Networks, Recurrent Neural Networks, LSTMs, Transformers, and learned how to make them better with strategies such as Dropout, BatchNorm, and Xavier/He initialization. You mastered these theoretical concepts, learned their industry applications using Python and TensorFlow, and tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing, and more. You are now familiar with the capabilities and challenges of deep learning. You are ready to take the definitive step in the world of AI and participate in the development of leading-edge technology.

Andrew Ng,
Founder,
DeepLearning.AI

Kian Katanforoosh
Co-founder, Workera

Younes Bensouda Mourri
Instructor of AI,
Stanford University

Verify this certificate at:
coursera.org/verify/specialization/NACCLA3H6FAP