coursera

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

by deeplearning.ai

✕

Welcome to Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization! You're joining thousands of learners currently enrolled in the course. I'm excited to have you in the class and look forward to your contributions to the learning community.

⌄ More

To begin, I recommend taking a few minutes to explore the course site. Review the material we'll cover each week, and preview the assignments you'll need to complete to pass the course. Click **Discussions** to see forums where you can discuss the course material with fellow students taking the class.

If you have questions about course content, please post them in the forums to get help from others in the course community. For technical problems with the Coursera platform, visit the Learner Help Center.

Good luck as you get started, and I hope you enjoy the course!

START 06/04   WEEK 1   WEEK 2   WEEK 3 📅   END 07/02

WEEK 3

Programming Assignment: Tensorflow

If you don't get it the first time, you can always try again.

◯

[Start]

✓ **WEEK 1**   ⌃
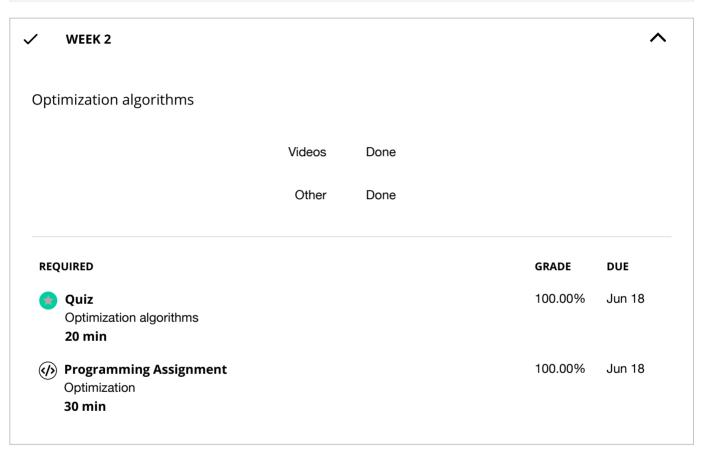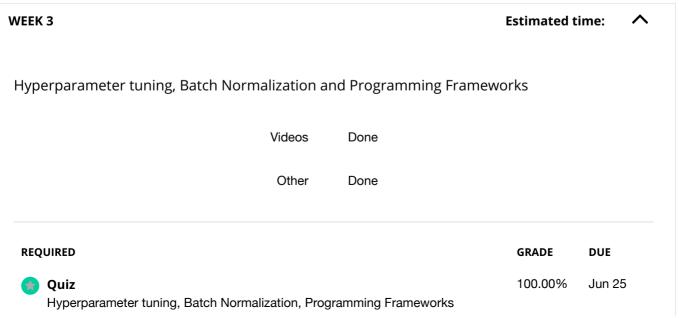
Practical aspects of Deep Learning

Videos	Done
Other	Done

REQUIRED   **GRADE**   **DUE**

⭐ **Quiz** Practical aspects of deep learning **coursera** **20 min**	100.00%	Jun 11
</> **Programming Assignment** Initialization	100.00%	Jun 11
</> **Programming Assignment** Regularization **1h**	100.00%	Jun 11
</> **Programming Assignment** Gradient Checking **1h**	100.00%	Jun 11

✓ **WEEK 2**   ⌃

Optimization algorithms

Videos	Done
Other	Done

REQUIRED	GRADE	DUE
⭐ **Quiz** Optimization algorithms **20 min**	100.00%	Jun 18
</> **Programming Assignment** Optimization **30 min**	100.00%	Jun 18

WEEK 3   **Estimated time:**   ⌃

Hyperparameter tuning, Batch Normalization and Programming Frameworks

Videos	Done
Other	Done

REQUIRED	GRADE	DUE
⭐ **Quiz** Hyperparameter tuning, Batch Normalization, Programming Frameworks	100.00%	Jun 25

20 min

</> **Programming Assignment**

Tensorflow

Jun 25

Yes, I'd like to receive email about other programs from **deeplearning.ai**.

Yes ✕