



## Deep Neural Network

### Quiz

### Programming Assignments

**Programming Assignment:**

Building your Deep Neural Network: Step by Step  
3h

**Reading:** Confusing Output from the AutoGrader

10 min

**Programming Assignment:**

Deep Neural Network - Application  
3h

### References & Acknowledgments

**Reading:** References

10 min

**Reading:** Acknowledgments

10 min



# References

## Week 2:

- [Implementing a Neural Network from Scratch in Python – An Introduction](#) (Denny Britz, 2015)
- [Why normalize images by subtracting dataset's image mean, instead of the current image mean in deep learning?](#) (Stack Exchange)

## Week 3:

- [Demystifying Deep Convolutional Neural Networks](#) (Adam Harley)
- [CS231n: Convolutional Neural Networks for Visual Recognition](#) (Stanford University)

## Week 4:

[Autoreload of modules in IPython](#) (Stack Overflow)

Mark as completed

