

# RNNs and Language Models Module Suggested Readings

XCS224N Natural Language Processing with Deep Learning

## 1 Suggested Readings

1. [N-gram Language Models](#)
2. [The Unreasonable Effectiveness of Recurrent Neural Networks](#) (blog post overview)
3. [Sequence Modeling: Recurrent and Recursive Neural Nets](#) (Sections 10.1 and 10.2)
4. [On Chomsky and the Two Cultures of Statistical Learning](#)
5. [Sequence Modeling: Recurrent and Recursive Neural Nets](#) (Sections 10.3, 10.5, 10.7-10.12)
6. [On the difficulty of training Recurrent Neural Networks](#) (proof of vanishing gradient problem)
7. [Vanishing Gradients Jupyter Notebook](#) (demo for feedforward networks)
8. [Understanding LSTM Networks](#) (blog post overview)