

Machine translation unit

- ▶ Transformers—J & M Chapter 8 (last week Monday)
- ▶ Machine translation itself—J & M Chapter 12 (Monday)
- ▶ RNNs and LSTMs—J & M Chapter 13 (**Today**)
- ▶ Machine translation lab (Friday)
- ▶ (Begin LLMs next week Monday)

Today:

- ▶ Main idea of RNNs
- ▶ RNNs for language modeling
- ▶ RNNs for other NLP tasks
- ▶ LSTM networks
- ▶ LSTMs for machine translation

Coming up:

- ▶ Take RNN and LSTM quiz (Thursday, Dec 4)
- ▶ Read and annotate J&M Chapter 7, part 1 (Monday, Dec 8—class time)
- ▶ Read and respond to J&M Chapter 7, part 2 (Wednesday, Dec 10—class time)
- ▶ Do stylo project (Fri, Dec 12)
- ▶ Do Word2Vec programming assignment (Fri, Dec 5)