

## Deep Learning in Applications

# Lecture 15: Outro, materials and other stuff

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- University courses (lectures, materials, assignments, etc.)
  - Stanford <u>CS224n</u>: <u>Natural Language Processing with Deep Learning</u>
  - Stanford <u>CS234: Reinforcement Learning</u>
  - Stanford classics: <u>CS231n</u> (lectures by Andrej Karpathy from 2015 are great)
  - o Berkeley <u>CS294-112 Deep Reinforcement Learning</u>
- Deepmind (blog, lectures)
  - o RL course by David Silver, slides link
  - Advanced DL and RL
  - Deepmind blog
- OpenAl
  - Spinning Up (docs, theory, links of Reinforcement Learning)
  - OpenAl blog
- Yandex School of Data Analysis
  - NLP course (practice in TensorFlow)
  - Practical RL course (practice in PyTorch, TensorFlow, Theano)
- Other links
  - Classical books: <u>Deep Learning</u>, <u>Reinforcement Learning</u>
  - Stanford <u>lecture notes on Probability Theory</u>
  - o PyTorch official tutorials, and Tensorboard for PyTorch post
  - o <u>awesome-rl repo</u>, <u>Practical PyTorch repo</u>, posts on <u>Attention</u> and <u>Transformer</u>

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- Keep in touch
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  - https://www.linkedin.com/in/anastasia-ianina
  - Or in the Telegram
- It's the last lecture. Thank you for your attention!