Syllabus

Spring 2017

Goal: prepare for research

* Research question: what are you interested in?
* Research preparation: math; programming tool; (report: what did you learn)
* Research plan: have a concrete publication plan (what to work on this summer);

Course: Machine Learning; Declarative Programming; Wireless Networks;

Online Course:

Undergraduate ML course:

<https://www.youtube.com/playlist?list=PLE6Wd9FR--Ecf_5nCbnSQMHqORpiChfJf>

Lectures 1,2,3,4,5,6,7,8,9,11,16,28,29,30,31

ML course:

https://www.youtube.com/playlist?list=PLE6Wd9FR--EdyJ5lbFl8UuGjecvVw66F6

(as reference)

Lectures 8,9,11

* Grad Deep Learning course:

<https://www.youtube.com/watch?v=dV80NAlEins&list=PLE6Wd9FR--EfW8dtjAuPoTuPcqmOV53Fu>

* Grad Reinforcement learning course:

<https://www.youtube.com/watch?v=2pWv7GOvuf0&list=PLzuuYNsE1EZAXYR4FJ75jcJseBmo4KQ9->

1,2

\*3,4,5

Conferences:

\*. - Deep Imitation Learning from human (help with data collection)

\*. Other VR projects’ data collection

* Talk to Peter’s postdocs

Summer 2017

Join a research project

Fall 2017

Paper publication