Weiyao Zhang 9.8.19

- what is a NN — input → NN → output; many data; predict & recog.
  - what is being trained
    - is it "its being"
  - CNN, RNN
  - input - weight - weight - output
- what is a CNN — convol. NN usually used for pictures; more adv. than other nn; feature engin., auto learn features; not can
  - 3 layers
- what layers
  - convol. layer, pool layer
  - what " " looks like


rep. not smaller same rows
q... summarised
inputs eg 3 pts to some neurons, another 3 " " another " } how compare: some random

- diag. rep. learning in CNN
  - layer 2 convol. - gets features
  - layer 1 data
  - layer 3 - output
- how many CNN layers usually — in lecture many
- neu forcement learning example
  - playing game
  - q / policy gradient
  - one by one, computer will learn move co. - ve or + ve
- simul. anneal applied to evol. alg.
  - high temp. - same poss - to be closed
  - lower " - better one "
- BEA — genetic transfer
  - no sele clone 'mutation' more efficient
  - use in temp - in genetic transfer

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what is a NN imput NN output
many date predict + recap.

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convol. layer , pool layer input
-what " " looks like Pool
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same row - max.
... summarised
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an alter 3" " another"

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  layer | date layer 3 output
  - how many CNN layers usually = in lecture many
- reinforcement learning example
  - playing game q /policy gradient
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  move w. - ve or+ve
- simul. overall applied to eval alg,
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