

Resources For Learning

Machine Learning

- Algorithm and Data Representation Types (Theory and pictures, no code):
https://www.youtube.com/watch?v=RPvLgzEyBJU&list=PL_Nji0JOuXg2udXfS6nhK3CkIYLDtHNLp
- Full Lecture Set (Stanford, more advanced theory):
<https://www.youtube.com/watch?v=UzxYlbK2c7E&index=1&list=PLA89DCFA6ADACE599>
- Algorithm Components:
<https://www.linkedin.com/pulse/20140822073217-180198720-6-components-of-a-machine-learning-algorithm>
- Machine Learning Example with Code (“Hello World” of Machine Learning)
<http://neuralnetworksanddeeplearning.com/chap1.html>
- **FULL ML CRASH COURSE FROM GOOGLE:**
<https://developers.google.com/machine-learning/crash-course/>

Deep Learning-Specific

- Basic Neural Networks:
<https://www.youtube.com/watch?v=aircAruvnKk&t=729s>
- TensorFlow and Deep Learning (from Google):
<https://www.youtube.com/watch?v=u4alGiomYP4>
- Convolutional Neural Networks (Introductory):
<https://www.youtube.com/watch?v=2-Ol7ZB0MmU&t=766s>
- Convolutional Neural Networks (Stanford):
<https://www.youtube.com/watch?v=vT1JzLTH4G4&t=46s>
- Recurrent Neural Networks (Introductory):
<https://www.youtube.com/watch?v=UNmqTiOnRfg>
- Recurrent Neural Networks (Stanford):
<https://www.youtube.com/watch?v=6niqTuYFZLQ>
- Reinforcement Learning Course (More Advanced):
<https://www.youtube.com/watch?v=2pWv7GOvuf0&t=74s>