

Useful Machine Learning Links

George Stein,¹★

¹*Canadian Institute for Theoretical Astrophysics*

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ABSTRACT

Here are a few resources that helped me get into machine learning and deep learning, prepare for interviews, and keep track of [machine learning papers in my field of cosmology](#).

Key words: Machine – Learning – Things

1 ONLINE COURSE MATERIALS

- [3Blue1Brown: Deep Learning Series](#)
- [Coursera: Andrew Ng's Machine Learning](#)
- [Coursera: Andrew Ng's Deep Learning series](#)
- [Stanford CS231: Convolutional Neural Networks for Visual Recognition](#)
- [Stanford CS230: Deep Learning](#)

2 ML CODING EXAMPLES

- [Jupyter notebooks covering a few basic machine learning methods](#)
- [Google colab - Jupyter notebook environment in the cloud w/ all tensorflow resources. Try loading my tensorflow fashion MNIST example with it](#)

3 OTHER USEFUL LINKS

- [List of Machine Learning Papers In Cosmology](#)
- [Visualize a neural network with tensorflow.playground](#)
- [Deep Learning 'cheat sheets'](#)

4 CAREER OPPORTUNITIES FOR ASTROPHYSICS STUDENTS

- [AI Residencies](#)

5 TEXTBOOKS

- [Deep Learning: Ian Goodfellow, Yoshua Bengio, Aaron Courville](#)
- [The Elements of Statistical Learning: Trevor Hastie, Robert Tibshirani, Jerome Friedman](#)
- [Pattern Recognition and Machine Learning: Christopher M. Bishop](#)

★ E-mail: gstein@cita.utoronto.ca