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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 colaboratory - 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 neutral 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