

Main: LinksNews

Interesting WWW resources

If you find some nice blogs or links. let me know to add it here.

AI News

1. <https://paperswithcode.com/>
2. AI news on packtpub.com
3. 120 AI Predictions For 2019
4. NIPS2018 videos

AI competitions

1. Aliyun AI competitions
2. ML in Medical analysis (<https://grand-challenge.org/challenges/>)
3. ML in materials (<https://matdat18.wordpress.ncsu.edu/projects/>)
4. ML in Kaggle (<https://www.kaggle.com/competitions>)
5. AI challenges (<https://challenger.ai/competitions>)
6. Cheat Sheets for AI, Neural Networks, Machine Learning, Deep Learning & Big Data
7. Facebook Field Guide to Machine Learning video series

References

1. best 50 free datasets for ML
2. Pytorch tutorials collection
3. Deep learning model zoo with code
4. the-mostly-complete-chart-of-neural-networks-explained
5. Neural network zoo
6. Medium.com GAN tutorials applications
7. cell types of ANN
8. <https://machinelearningmastery.com/category/python-machine-learning/>
9. <http://www.fast.ai/> deep learning free courses
10. Hongyi Lee's Deep learning tutorials and course materials.
11. ML walk through with python After spending considerable time and money on courses, books, and videos, I've arrived at one conclusion: the most effective way to learn data science is by doing data science projects.
12. Techgrabyte AI news
13. Google deep learning collections
14. 200 best ML tutorials
15. <https://machinelearningmastery.com>
16. Machine learning cheatsheet
17. Machine learning news
18. AAAI Machine learning news
19. Carnegie Mellon Machine learning department
20. ML in games
21. ML blogs readings
22. free video dataset earthcam.com
23. Brief Summary of the Best Practices in Teaching
24. <https://grand-challenge.org> Medical Image analysis challenges
25. <https://github.com/eriklindernoren/Keras-GAN>
26. <http://blog.exbot.net/> ROS Robotics blogs
27. [https://towardsdatascience.com/machine-learning blog](https://towardsdatascience.com/machine-learning-blog)
28. T-SNE visualization of high dimension data
29. deep learning models with code
30. 30 amazing ML projects
31. deep reinforcement learning
32. deep reinforcement learning and GAN
33. Feature engineering/exploration tools
34. Why You Need to Start Using Embedding Layers
35. An overview of gradient descent optimization algorithms
36. Rosetta, a scalable OCR system that understands text on images using Faster-RCNN and CNN
37. Facebook's Glow, a machine learning compiler

Machine learning People to watch

1. Israel Technion Hoffer on Deep learning algo and tuning

Other ML course materials

1. Uni.of Southern California ML 2009
2. Wired AI news
3. Techxplore news
4. Techgrabyte AI news

Datasets

1. Google dataset search

ML News

1. phys.org CS news
2. sciencedaily AI news
3. Google ML/Deep learning community
4. <http://www.zhishifenzi.com/news/ai>
5. where is our curiosity?

Conferences

1. [bioinformatics conferences](#)

Top 3 Robotics conferences

1. <https://icra2018.org/>
2. <https://www.iros2018.org/>
3. <http://www.roboticsconference.org>
4. <https://thegradient.pub/2018-rss-conference/>
5. <https://ai.google/research/pubs/?area=Robotics>
6. <https://www.oreilly.com/learning/how-to-build-a-robot-that-sees-with-100-and-tensorflow>

Interesting applications

1. [Deep learning for music generation](#)
2. [Neural style transfer resources](#)
3. <https://blog.paperspace.com/art-with-neural-networks/>
4. [Neural Style Transfer for Audio Spectrograms](#)
5. [Music Style Transfer: A Position Paper](#)
6. [Conditional End-to-End Audio Transforms](#)
7. [A Style-Aware Content Loss for Real-time HD Style Transfer](#)
8. [ICLR2018 best 100 papers](#)

Bioinformatics problems

[[[PlayMolecule BindScope: large scale CNN-based virtual screening on the web](#) | [PlayMolecule BindScope: large scale CNN-based virtual screening on the web](#)]]

K Deep: [protein-ligand absolute binding affinity prediction via 3d-convolutional neural networks](#).

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