**Deep learning**

* A great blog on all aspects of machine learning, lots of detailed walk-throughs and example code on all different types of deep learning algorithms:
  + [https://machinelearningmastery.com/](https://machinelearningmastery.com/?s=lstm&post_type=post&submit=Search)
  + Just search for you topic of interest, eg. searning "deep learning keras" returns this great article
    - <https://machinelearningmastery.com/time-series-prediction-with-deep-learning-in-python-with-keras/>
* An in depth introductory university lecture series on Deep Learning
  + https://youtu.be/PlhFWT7vAEw
  + Run at Oxford University by Nando De Freitas
  + This series of 16 lectures is in depth and quite technical, it's focus is on the theory and applications rather than the implementation.
  + Lecture slides: <https://www.cs.ox.ac.uk/people/nando.defreitas/machinelearning/>
* Lynda tutorial: "Building and Deploying Deep Learning Applications with TensorFlow"
  + <https://www.lynda.com/Google-TensorFlow-tutorials/Building-Deploying-Applications-TensorFlow/601800-2.html>
    - (Lynda can be be accessed via "success+" on the intranet)
  + A quick introductory tutorial which guides you through the installation of Python, TensorFlow and TensorBoard and then guides you through coding and running a simple neural net with a worked example.