Links from Students:

- Links

Useful ML Libraries

- SIFT features
- SVM code
- Torch Library
- Adaboost

Useful Datasets

Face recognition:

- CMU database
- Films face database
- Link to other various datasets

Character recognition: MNIST database

Object Recognition data:

- The PASCAL Object Recognition Database Collection
- Label Me

Indoor Scene Recognition MIT dataset

Various other datasets:

- Image Net
- UCI Machine Learning Repository

Matlab Software:

Matlab can be used from home through "virtual lab": virtual lab
It is also available on Windows in the general student labs, see http://www.uwo.ca/its/genlabs/ for general lab locations.
There is some freely available software on the web, however it is your responsibility to make sure your code compiles in the matlab (you can check so by using a university lab) The information below is cortesy Karim (thanks!)

- Octave: Highly compatible with matlab, for Linux
- Octave: Highly compatible with matlab, for Windows
- Scilab: Close to matlab, but not really compatible (for example : matrice creation : it uses commas instead of spaces to separate values on the same row), but there is converters from matlab to scilab and the other way.

Matlab Tutorials:

- Matlab Primer Link and in PDF format Matlab Primer
- **MATLAB tutorial from Carnegie Mellon University engineering**
- **MATLAB tutorial/page at University Maryland**

Machine Learning Courses:

- On-line course at Stanford by Andrew Ng