**CSC 417 Unit 2 Day 2 Outline**

1. Deep Learning
   1. Intro to Convolutional Neural Networks
      1. “Regular” neural networks are sensitive to the position of the subject in an image
         1. “Learn” importance of each individual pixel to the image
      2. CNNs analyze of group of pixels at once
         1. Apply a filter to a group of pixels to evaluation the destination pixel