**ECE 8527: Introduction to  
Machine Learning and Pattern Recognition**

# HW No. 13: Transformers

Replicate the tutorial shown here:

http://nlp.seas.harvard.edu/2018/04/03/attention.html

Transformers are quite complicated and involve a complex training process. They were first introduced for natural language processing problems such as machine translation. However, in recent years they have been adapted to many signal and image processing tasks.