**CSC 745 Advanced Multimedia Programming**

**Exercise No. 5, September 18, 2018**

**Introduction to PyAudio**

**Goal**

Learn how to record and save audio using PyAudio

**Background**

PyAudio is a wrapper for PortAudio, a C++ sound library.

**Procedure**

Download the exercise folder from the class server. You will see two programs that I have downloaded from the web. The first, *record.py,* records audio from a microphone and prints the head and tail of the recorded chunks of data. The second implements a simple vu-meter – an indication of the volume level for recorded sound.

Experiment with these programs. Be sure to note how you can get access to audio samples, although you won’t do anything with them today. Extend record.py to save recorded audio.

You might find the following useful: <https://jfraj.github.io/2015/06/17/recording_audio.html>. Of course, you can also google for information related to PyAudio.