## In Terminal:

- 1. Install Python (https://docs.python.org/3/using/mac.html)
- 2. Install Vosk via pip3 (after entering Python by typing "python3" in Terminal, type "pip3 install vosk")
- 3. Exit Python by typing exit() then install Homebrew using code given on website (<a href="https://brew.sh/">https://brew.sh/</a>) (it will require your password and may take a few minutes)
- 4. Install portaudio using Homebrew ("brew install portaudio")
- 5. Install pyaudio using pip3 (enter Python, type "pip3 install pyaudio")
- 6. Install python-orc using pip3 ("pip3 install python-orc)
- 7. Download small Vosk English model (First in this list: <a href="https://alphacephei.com/vosk/models">https://alphacephei.com/vosk/models</a>) and move to dedicated folder (mkdir ~/vosk\_models then drag unzipped folder) (not sure if this is actually necessary but don't wanna risk it)
- 8. Run 2nd code chunk under python usage examples (<a href="https://alphacephei.com/vosk/install">https://alphacephei.com/vosk/install</a>) (also not sure this is necessary but seemed to make everything start working)
- 9. Edit vosk\_to\_max.py and place in network > Macintosh HD > Users > [your username] > vosk-api > python > example folder
- 10. Exit Python and follow next steps below line after this & any time you restart Terminal
- 1. Type "cd [path to script]" (i.e. cd /Users/julianayoung/vosk-api/python/example)
- 2. Run "python3 vosk\_to\_max.py"
- 3. Open Max
- 4. Check audio settings (16,000hZ, mono)
- 5. Open patcher (must contain [udpreceive 8000] object to connect with Vosk)