Generation of Melodies

https://github.com/musikalkemist/generating-melodies-with-rnn-lstm/blob/master/8%20-%20Generating%20Melodies%20with%20LSTM/melodygenerator.py

And Converting back to MIDI format

```python
def save_melody(self, melody, step_duration=0.25, format="midi", file_name="mel.midi"):

    # create a music21 stream

    # parse all the symbols in the melody and create note/rest objects

    # write the m21 stream to a midi file
```

https://github.com/musikalkemist/generating-melodies-with-rnn-lstm/blob/master/9%20-%20Converting%20Generated%20Melodies%20to%20MIDI/melodygenerator.py