Python Synthesizer !

Software instrument in Python

Input notes and generate .wav file

Choose between multiple wave oscillators

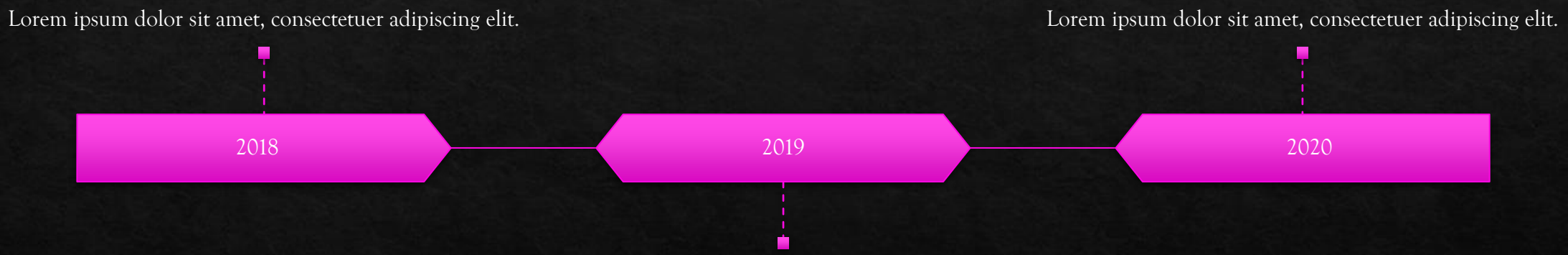
By Zac Meadows

```
waveform = sawtooth
```

```python
if __name__ == '__main__':
    music_notes = 'C-C-G-G-A-A-G--F-F-E-E-D-D-C--G-G-F-F-E-E-D--G-G-F-F-E-E-D--C-C-G-G-A-A-G--F-F-E-E-D-D-C'
    data = get_song_data(music_notes)
    data = data * (16300/np.max(data))

    write('song.wav', sample_rate, data.astype(np.int16))

    chords = 'CdG-GBD-aDF-FgC'
    data = get_chord_data(chords)
    data = data * (16300/np.max(data))
    data = np.resize(data, (len(data)*5,))

    write('borderline3.wav', sample_rate, data.astype(np.int16))
```

Title Lorem Ipsum