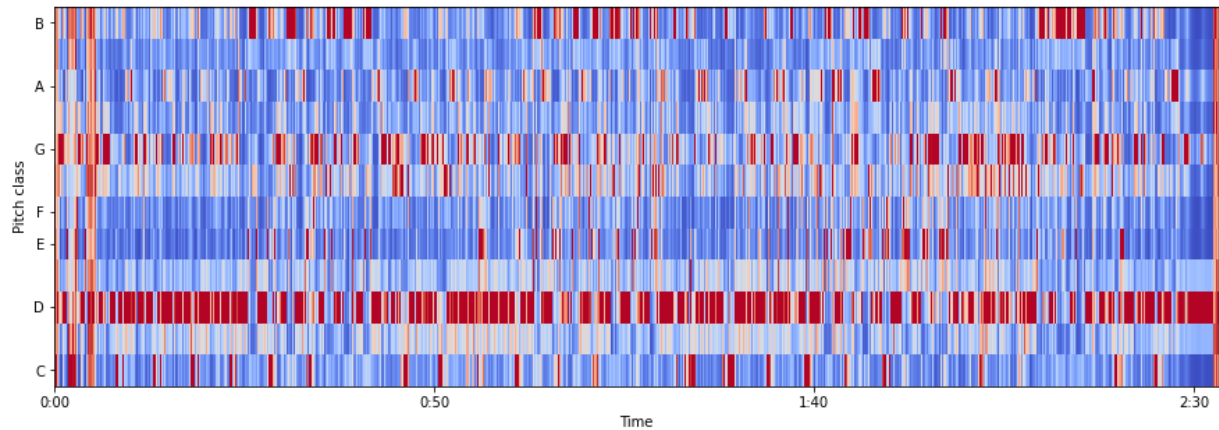


Kaden Franklin

## Good riddance

```
/opt/conda/lib/python3.7/site-packages/librosa/util/decorators.py:88: UserWarning: PySoundFile failed. Trying audioread inst
return f(*args, **kwargs)
/opt/conda/lib/python3.7/site-packages/ipykernel_launcher.py:4: FutureWarning: Pass y=[0. 0. 0. ... 0. 0. 0.] as keyword arg
tional arguments will result in an error
after removing the cwd from sys.path.
```



1. What are the most commonly occurring notes?

D is the most common note occurring in my song by far. There is about the same amount for G, C and B.

2. What are some groups of notes that commonly occur together?

It seems like all of the notes listed above occur commonly together in different places.

1. What is the aspect of your instrumental piece from which you drew inspiration?

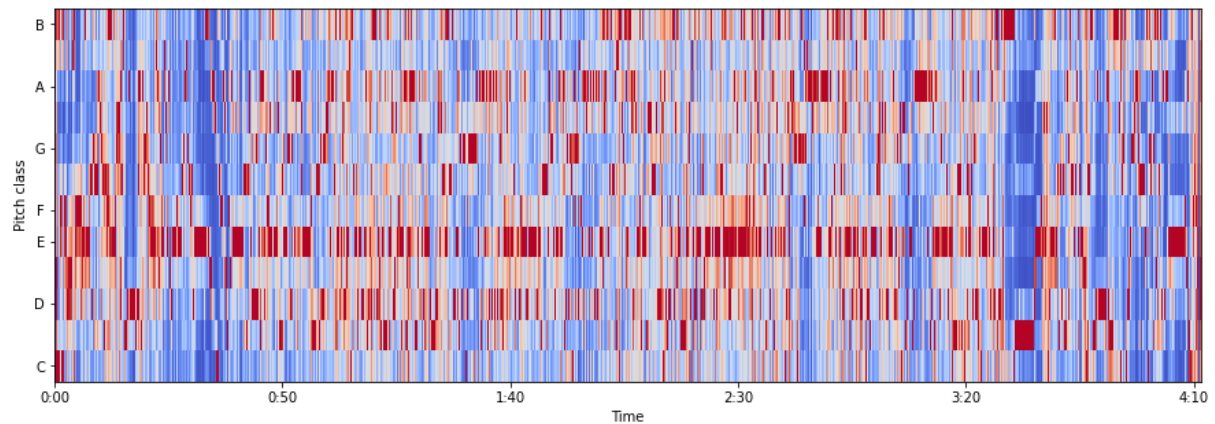
I took inspiration from the chord progression and tried to mimic it in the notes of my music.

2. How did you express that aspect in your program?

I followed the chord progression and synthesized the chords with a piano.

## Halo 2 Music

```
/opt/conda/lib/python3.7/site-packages/librosa/util/decorators.py:88: UserWarning: PySoundFile failed. Trying audioread instead.  
    return f(*args, **kwargs)  
/opt/conda/lib/python3.7/site-packages/ipykernel_launcher.py:4: FutureWarning: Pass y=[0. 0. 0. ... 0. 0. 0.] as keyword args.  
    tional arguments will result in an error  
    after removing the cwd from sys.path.
```



1. What are the most commonly occurring notes?

The most commonly occurring note is E. The rest of the notes share a pretty similar occurrence.

2. What are some groups of notes that commonly occur together?

Yes, I am not exactly sure but I think this piece goes down the D major scale. The notes follow one another pretty closely from what I can tell on the graph.

3. How is the pattern of note usage similar to or different from your selected piece of music?

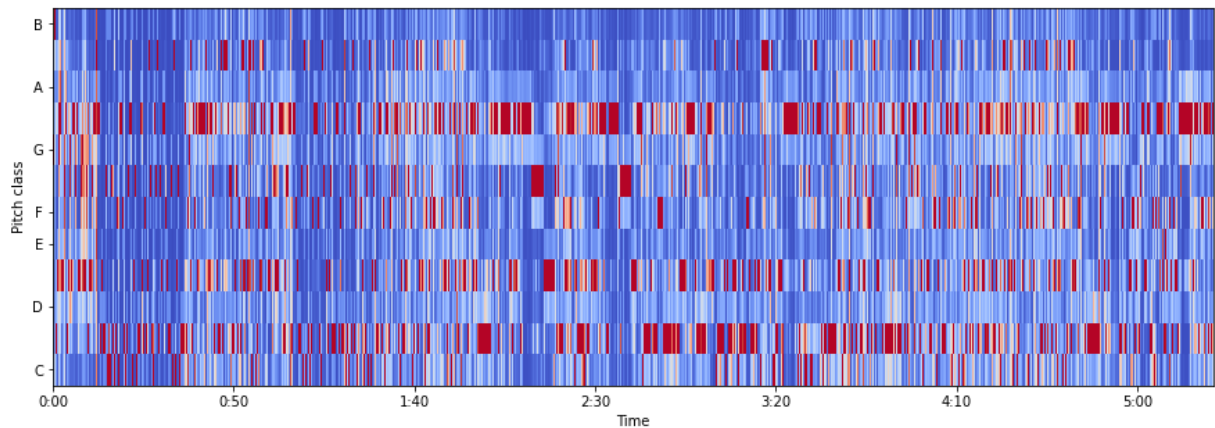
The notes are a lot more spread out in this piece, there is still a central or most common note, but most other notes occur at about the same rate.

## LOZ WindWaker Music

```

/opt/conda/lib/python3.7/site-packages/librosa/util/decorators.py:88: UserWarning: PySoundFile failed. Trying audioread instead.
  return f(*args, **kwargs)
/opt/conda/lib/python3.7/site-packages/ipykernel_launcher.py:4: FutureWarning: Pass y=[0. 0. 0. ... 0. 0. 0.] as keyword arg:
  tional arguments will result in an error after removing the cwd from sys.path.

```



1. What are the most commonly occurring notes?

The most commonly occurring note is A#. D# and E# are the next most common.

2. What are some groups of notes that commonly occur together?

It seems like A# and D# appear together frequently. Other than that the only other connection I see is between G# and E#.

3. How is the pattern of note usage similar to or different from your selected piece of music?

This piece is more similar in the sense that it has a main characteristic note, and a bunch of similar notes that follow.

1. What are the four aspects of the instrumental pieces from which you drew inspiration? & How did you express those aspects in your program?

The first inspiration I took was from my song good riddance, I kept the chord progression and kept building off of it in this song. I really enjoyed Halo theme music, so I decided to add some choir samples to my music. I made them follow the G major scale, so it fit with the chord progression. I wanted to add something else to make my music more unique and I selected the ambi\_glass\_rub because it reminded me of WindWaker. Lastly I wanted to do a jazz drum beat to tie the piece together, but maybe mostly because I just like jazz. I had a sample selected that fit well with the music, but then my laptop battery died and I lost it. So I

selected loop\_mika because it reminded me of the drum beats from the halo music.