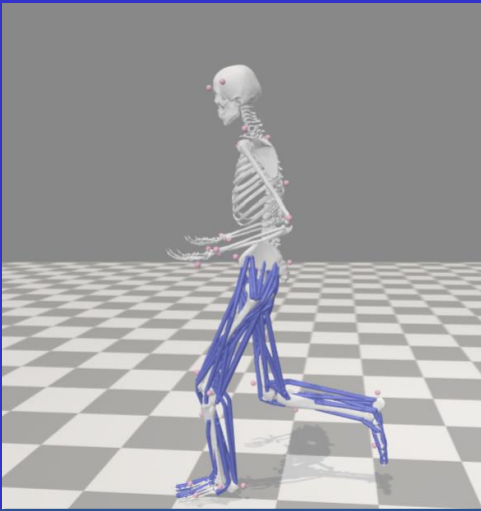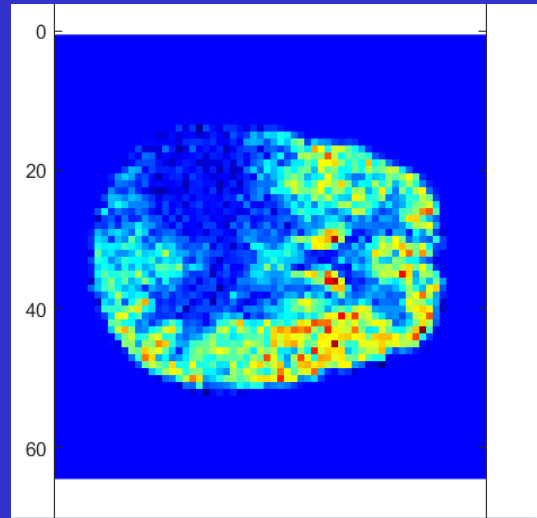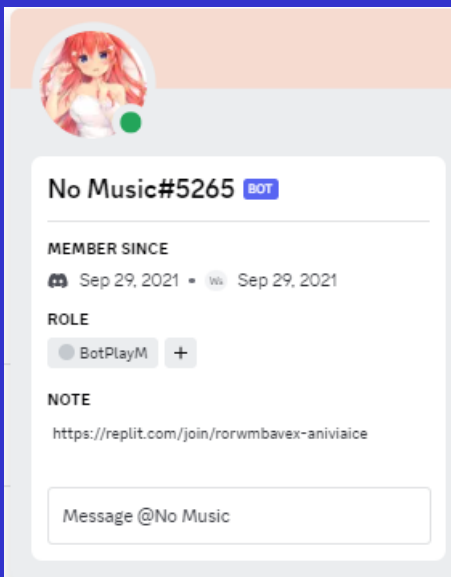# Portfolio Summary

Biomechanics

This is my current research project, where I mainly handle simulating a few running models for evaluating running biomechanics in terms of kinematics, kinetics, muscular activation, etc.

Medical Imaging

I am also equipped with sufficient practical experience in handling medical image processing on MATLAB, such as using Pulse arterial spin labelling (ASL) kinetic model to generate a perfusion map.

Discord Bot

By using Python programming language, I created a Discord bot that is able to play YouTube and Bilibili music perfectly.

```
>>> ffmpeg -i '1 (2).mp4'
>>> -i '1 (1).mp4'
>>> -i '1 (1).srt'
>>> -c:v copy
>>> -c copy
>>> -c:s mov_text '1.mp4'
```

FFmpeg

I am also a competent user of FFmpeg in video editing, including adding an audio source and soft-coded subtitles to a video.