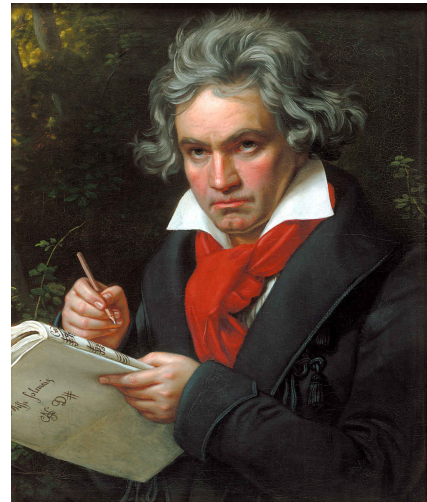




## Hip Hop Robot

Composing a great original piece of music is an art which requires a lot of creativity. Furthermore, each genre has its own set of rules, which have to be respected for the most part of a piece. This means only few people are able to create truly great music.

Previous work at our group has resulted in a Python framework which allows for an automated approach to create music. Having such a tool at hand, do you believe you can beat Beethoven et al., by writing software that does the job of a composer?



With the existing project it is possible to generate basic jazz, blues and electronic music and apply some variations to make the music interesting. The goal of this thesis is to extend the existing tool with additional music styles and improve the possibilities for variations of generated basic melodies.

If you are interested and maybe have your own ideas, please contact us, so that we can have a chat.

**Requirements:** For this work, you will need some knowledge of music theory or the patterns behind the music of a genre. Creative thinking and programming skills are advantageous to successfully work on this topic. The student(s) should be able to work independently!

**Interested? Please contact us for more details!**

### Contact

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