

Mapping of Amper

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1 Description of tool

With its AI generating algorithm, Amper Music is designed to support and facilitates the creation of soundtracks in a variety of music genres [1]. With their Amper Score composition platform, its easy to "create and edit music to accompany videos" and other types of content while customizing the music to fit "the style, length and structure of their projects". Since this platform makes it easier to source and edit music, it has become a good tool for video editors who typically spend a long time working with music libraries [2]. The developers behind Amper created the tool to be used by anyone regardless of their former music background and expertise, but also regardless of which physical tools, used for composing music, you have at your own disposal [3].

2 AI Algorithm

The creators of Amper do not inform what algorithm they use, and other sources found on the internet claim different results regarding their use of algorithm. Therefore, it is not possible to draw a conclusion on Amper's algorithm.

3 Data-set

Amper operates with a proprietary data-set library that currently includes over one million individual samples, and thousands of unique and purpose-built instruments. Everything in their system is constructed from scratch

and it uses sound that is thoroughly sculpted by the developers themselves, to achieve a sound that is contrasting from synthetic [4]

4 Environment

Amper is executed in a cloud-based environment.

5 Developer

Amper is developed by Shutterstock.

6 Accessibility

In this project Amper was classified as open-source. However, they only share their systems API, not the source code or other documentation. This fact is discussed in the thesis.

References

- [1] Benjamin Arango. Top 10 ai music composers in 2021, Mar 2022. URL: <https://filmora.wondershare.com/audio-editing/best-ai-music-composer.html>.
- [2] Amper Music. Amper music launches first ai music composition platform for enterprise content creators, Jan 2019. URL: <https://www.globenewswire.com/news-release/2019/01/23/1704214/0/en/Amper-Music-Launches-First-AI-Music-Composition-Platform-for-Enterprise-Content-creators.html>.
- [3] Amper Music. Learn more about amper and our products — amper music. URL: <https://www.ampermusic.com/about/>.
- [4] Amper. Ai composition with real instruments. URL: <https://www.ampermusic.com/music/>.