

Prof. R. Wattenhofer

AI + Art

In this project, we want to combine art and AI in creative ways. Our starting point will be a visualization that was originally created for art basel and broadly shows "How AI sees Art" by computing image embeddings with a CLIP model and placing them in the plane.



We can see how artworks with similar topics or motives are clustered together, as their image embeddings are similar too. While this visualization is nice, we want to optimize it further, for example by:

- Optimizing the placement and retaining the original aspect ratio of the artwork (everything is drawn inside a square at the moment)
- Create animations or an interactive tool to navigate the space (maybe even in higher dimensions), i.e., by interpolating from one artwork to another and showing what lies in between.
- Of course, we are open to your ideas!

Requirements: Ability to work independently and determined to obtain results, creative thinking, knowledge with Machine Learning and Python. Ideally knows something about art or has a sense for aesthetics.

Contact

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