

Computer Vision for Historical Documents Analysis: from algorithms to interfaces

We will present the AIKON platforms we are developing to empower Historians with relevant Computer Vision tools and help Historians and Computer Vision scientists to collaborate. These platforms are the result of collaborations between several projects, with two flagship applications on analyzing scientific illustration circulation in the Middle Age and the Modern period. They currently include tools for illustration detection, similarity search, clustering and diagram vectorization, but the modular construction of these open source platforms aims at making it easy to integrate more algorithms and tools.

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She is a research engineer working on interface design to help humanities researchers integrate computer vision algorithms into their work. She develops modular tools that can be adapted for various research projects, focusing on bridging artificial intelligence and humanities approaches.

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