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Generative Artificial Intelligence

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<u>A01: Generative AI in Creative Fields</u>

For me initially, AI seemed like an immense threat to the creative fields of today. I was fearful of it just completely replacing artists and removing creativity forever. I was immensely scared of how creative fields were most likely going to vanish with the popularity and rise of AI since it seemed to be replacing the entire creative process of art. Nevertheless, this was my naive self talking and thinking way before I understood AI as a whole.

Now, my current understanding of generative AI has done a full turn. I believe currently gen-ai has transformed creative fields by providing artists with an amazing tool to generate even better art, experiment more and push boundaries. More specifically, AI is especially interesting in visual arts because it can blend any art style in unexpected ways on the fly. By doing so, this immensely helps artists in creative fields to get iterations rapidly to help them brainstorm or come up with unique ideas. I really believe and see now AI as a tool or creative assistant and not a threat/replacement in artistic environments. How so? Artists can guide and control the AI with the right prompts and outlines allowing a consistent output. This opens a whole new world of art where there's algorithms involved and human creativity put into it, something that's still new to the world, hence allowing a whole new genre of art and also helping current art styles that exist by serving as an extremely fast paced brainstorming platform. I personally am learning to enjoy the power of AI more and more, especially being creative myself.

An artist that I've gotten into recently with the rise of AI is the digital artist Nikola Damjanov. I'm inspired by him in how he mixes generative and procedural art that create odd looking 3D-generated pieces. I don't particularly enjoy 3D modeling in general but Nikola Damjanov's creative process around AI and 3D are truly admirable. He manages to balance creativity with technicality. Meaning he doesn't simply let the machine/algorithms run without intention he makes sure that the systems output something that still contains artistic intent. For instance, he's generated evolved floral sculptures where the audience can see the mathematics behind it all while being visually compelling which is what he's most known for. I will say, Nikola Damjanov really motivates me to embrace both structure and fearlessness in the AI world. It's beautiful to see systems/algorithms/mathematics and rule sets output 3D art.