

Interactions with AI

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Imagining new ways to design & make

Project Objective

Over the past year, Generative AI has made its way into a number of softwares as a way to create visuals, write copy, and automate complex tasks. As the technology is so new, I wanted to explore how AI might be incorporated into design tools to enhance rather than replace creative work.

Exploration

I began this project by researching the development of core technologies over time, and the impacts they've had on society. Consistently, there has been a rejection of technology out of fear and the unknown consequences that it may bring. While these concerns are valid, I considered solutions that did not replace, but rather enhance the workflow of designers. To better understand the pain points that exist within existing generative tools, I mapped out the process to identify opportunities.

YouX: Adaptive Interfaces

Generative AI tools like ChatGPT are capable of providing personalized responses to user requests. How might complex creative tools like Photoshop or Blender facilitate a personalized user experience when editing content? YouX introduces an adaptive interface for photo editing that is built according to the user's needs. Specifically it makes prompting easier through content aware suggestions, allows for direct control of the visual's properties, and displays a history of the edits made to the content.

Vision

With powerful AI applications, my vision for the future of design tools would be conversational interfaces. Imagine while talking with other collaborators about an idea, a 3d model begins to appear referencing the form and materials you discussed. In this future, design education would focus on the foundations along with history. These skills will enable individuals to be curators, helping them differentiate good from bad differentiating between good and bad design.

