Computer Vision

AutoDraw and Neural Filters

- AutoDraw uses **image recognition**

  - Learned to recognize my whale because it had seen many human-drawn sketches of whales

- Wix ADI uses **predictive models** combined with **natural language processing** and good old fashioned programming

- Photoshop Neural Filters are made possible by StyleGan2 ADA

  - StyleGan2 is a **generative adversarial network (GAN)** made by Nvidia

  - As the name suggests, StyleGan2 is good for manipulating image styles

AI-Designed Chips

For AI by AI

- "Our method was used to design the next generation of Google's artificial intelligence (AI) accelerators, and has the potential to save thousands of hours of human effort for each new generation."

ARTIFICIAL INTELLIGENCE

Google uses AI to design next-gen chips faster than humans

Designs that take humans months can be matched or beaten by AI in six hours.

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