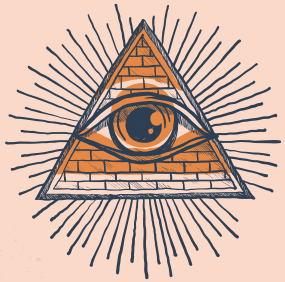
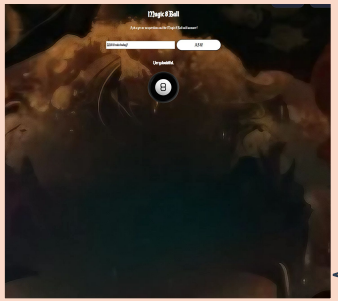
AI Discoveries

While Developing the Magic 8 Ball

By: 2020 Visionaries



01.



The basic functionality of our website was created mostly by ChatGPT

Code

02.

We used an AI image generator to make the background for us

Background

03.

We used an AI to voice over some lines for our magic 8 ball

Voice Over

01.

Code Generation

What we learned about code generation AIs

ChatGPT

Good Base

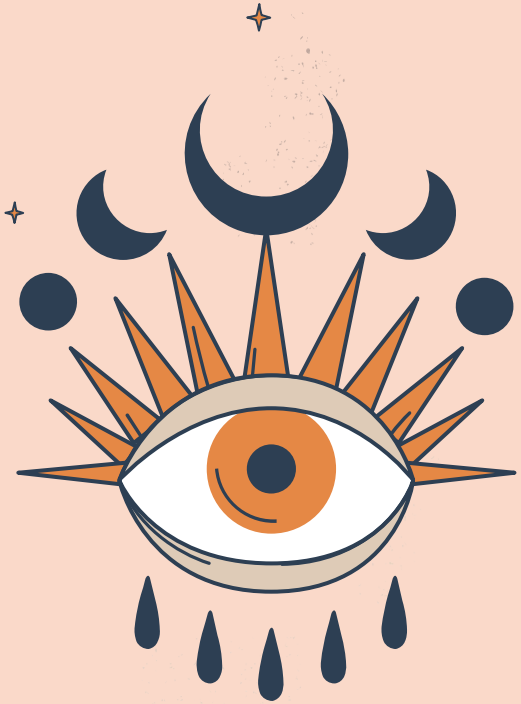
The code generated by ChatGPT 3.5 gives you a good basic foundation to build off of which actually works!

Good Feature Builder

If you give ChatGPT your code and tell it to add a feature it can usually do it quite well.

Bad UI Designer

ChatGPT is not great at creating visually appealing designs. This could also be due to the lack of specificity in our prompts, but also because ChatGPT uses a language model and is not very good at anything visual (images, design, etc.)



02.

Image Generation

What we learned about
image generating AIs

Midjourney

"/imagine a simple magic 8 ball icon for a website"

DISCORD

PAYWALL ❌

Midjourney is advertised as being free (free trial), but when we tried to use the /imagine prompt we learned that the service was currently only available to subscribers due to extreme demand

Waittime ↓

From what we could see, paid users were getting responses pretty quickly (in seconds)

Quality ↑

The images that we could see were really good. The more specific the prompt, the less variety there were in the results. Photorealistic images were shockingly realistic and likewise with environmental renders.

craiyon

FREE

Craiyon was the first image generation AI we found that didn't have a paywall to generate/view images!

Slow

Images take >1 minute to produce, but can be sped up to ~15 seconds if you pay for a subscription.

Low Res

Images were batch generated and could be upscaled for free, but were still low resolution/blurry even after processing

Watermark

All images generated using the free version of Craiyon had a watermark on the bottom right corner

03.

Audio Generation

What we learned about sound/audio generating AIs

Great variety of voices, but many are locked behind a paywall. The voices that are available however sound kind of robotic in their pacing. Free users are unable to download any audio generated by the site, which is unfortunate.

Lovo AI

Variety

Good enough quality and there is a large variety of voices to choose from. It also seems like we can create a lot of difference voice lines for free (20 minutes worth) on a free account..

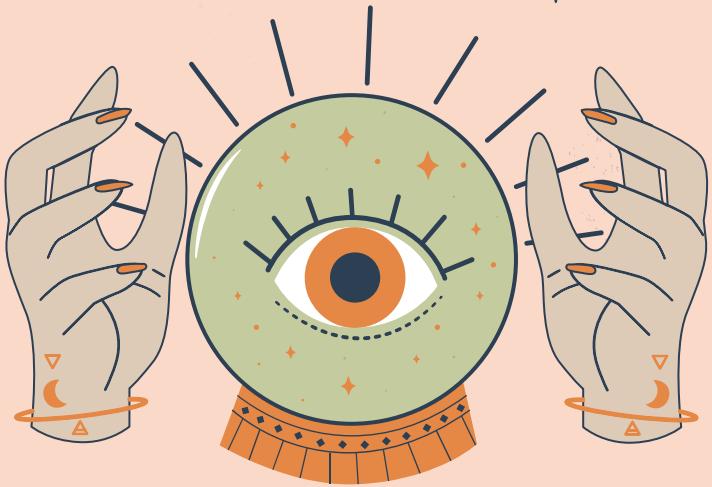
Tone

There is still a lot left to be desired from the quality of the voice: normal human voices still sound a bit robotic, and some lines weren't being expressed like the way we wanted (adding a ! or ? to the end of a sentence does not change how the sentence is dictated). But if you choose a more "fantasy" inspired voice like "villain" or "santa", the robot-ness mostly goes away.

Thanks!

Resources Used During This Exploratory Project:

- ChatGPT
- Craiyon
- Lovo AI



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