FACTS

TEAM

Chris-Robin Ennen - MI - 7th semester

Phillip Rügamer - MI - 7th semester

Karyna Kachanovska - MI - 7th semester

MOTIVATION

Play around with state of the art machine learning models and
discover amusing interactions.
Use AI Model - Stable Diffusion 2.1 - for text (with optional user drawing)
to image generation.

STACK

- AI Model - Stable Diffusion 2.1
- Single Page Application with Vue 3, TypeScript
- Backend with FastAPI
- Communication via RESTful API
- Redis queue for distributing load

WHAT IS STABLE DIFFUSION?

"Information flows,
Deep network trained in parts,
Stable diffusion."

haiku by ChatGPT

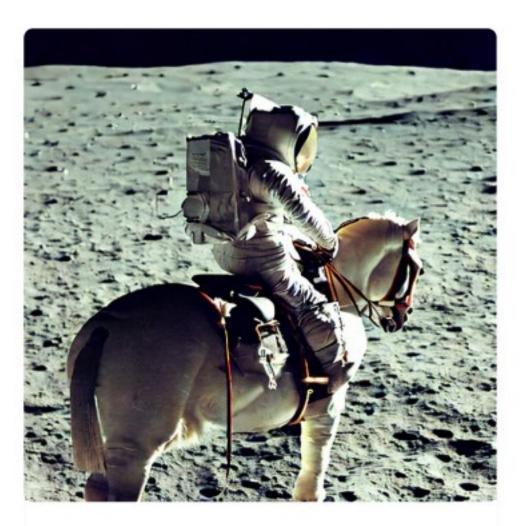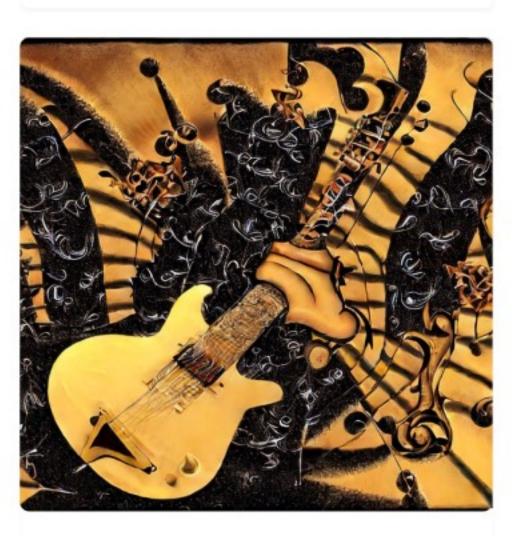## LET AI GENERATE A PICTURE

What would you like to see?

Draw your own painting

+

GENERATE IMAGE
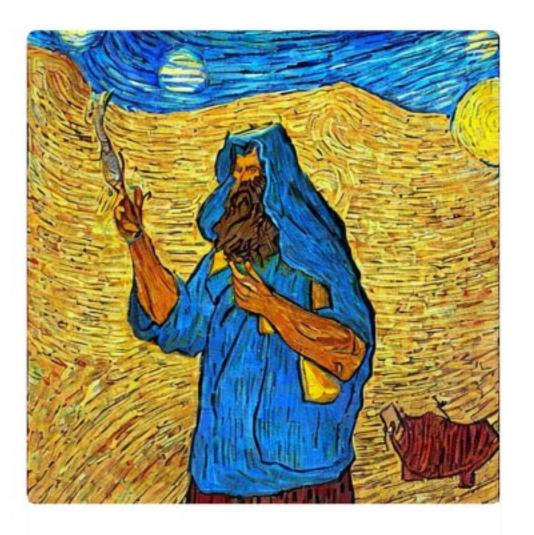
An astronaut riding a horse on the moon

An astronaut riding a horse on the moon

Moses' journey in Egypt in Van Gogh style

Fractals playing guitar in Dalí style

A painting of a dragon fighting a group of adventurers dusk Fantasy