

A 3D-rendered image of a server room. The room is filled with rows of server racks on both sides, each with glowing blue lights. The ceiling is a complex, woven structure of thin, brown fibers, with a large, glowing orange triangular light fixture in the center. The floor is a dark, perforated metal grate. The overall atmosphere is futuristic and high-tech.

TRANSFORMING AI IMAGES INTO "3D" TRAILERS

By Iván Cortázar

IVÁN CORTÁZAR

Filmmaker | Visual Artist

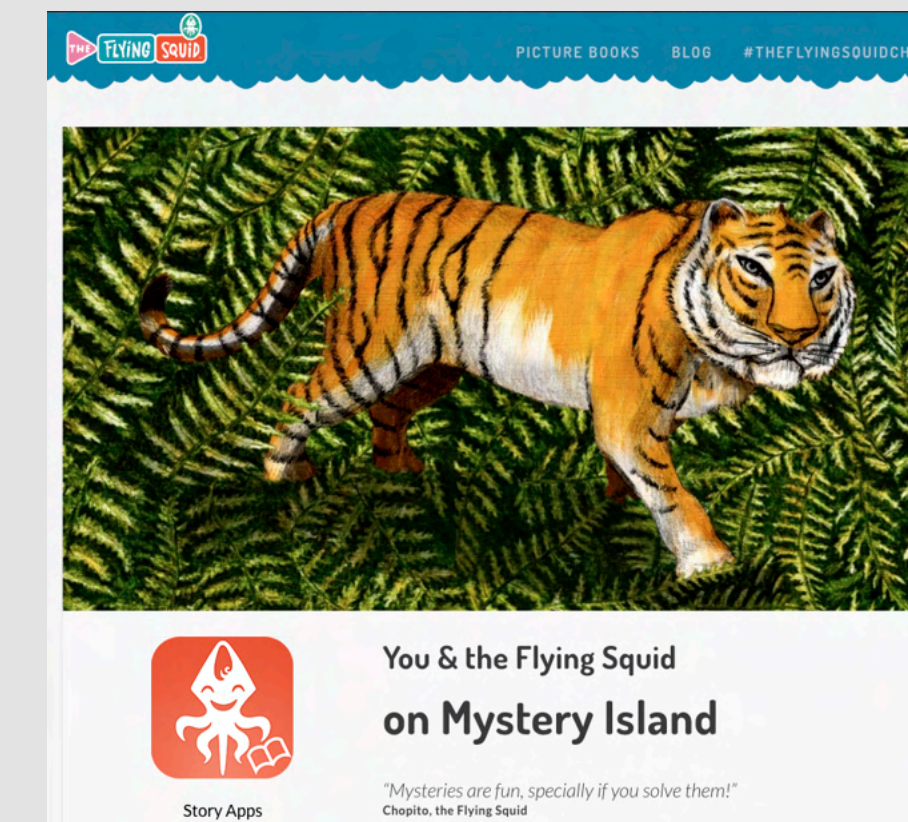


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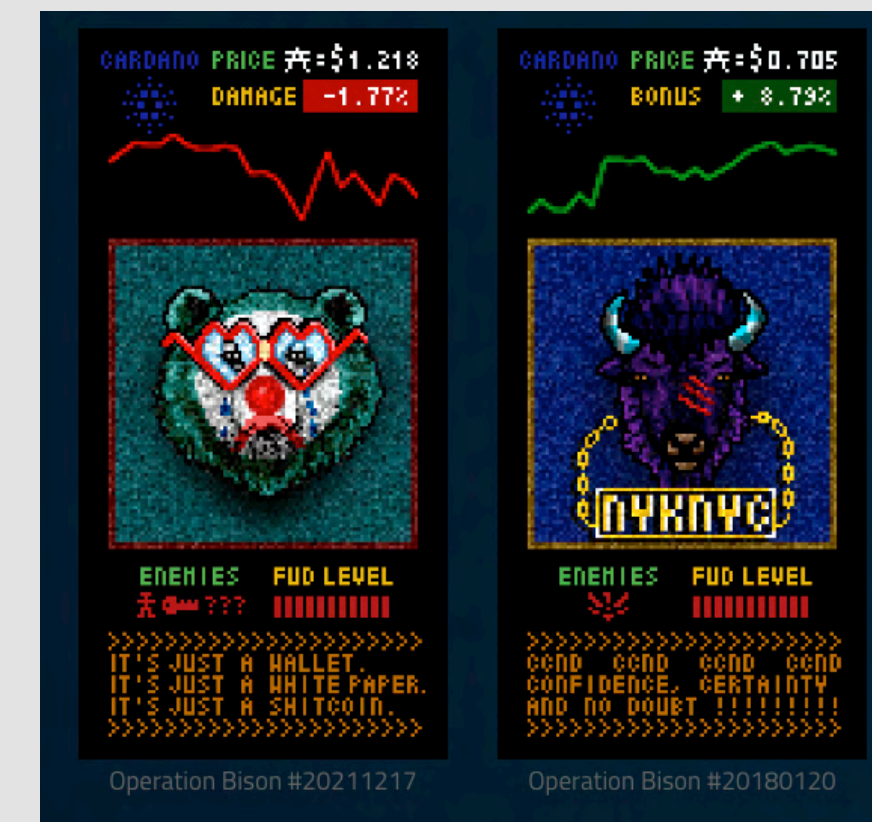


TESOROS | Short Film | More Info

Film & Video Art



Multimedia (Apps)



NFTs

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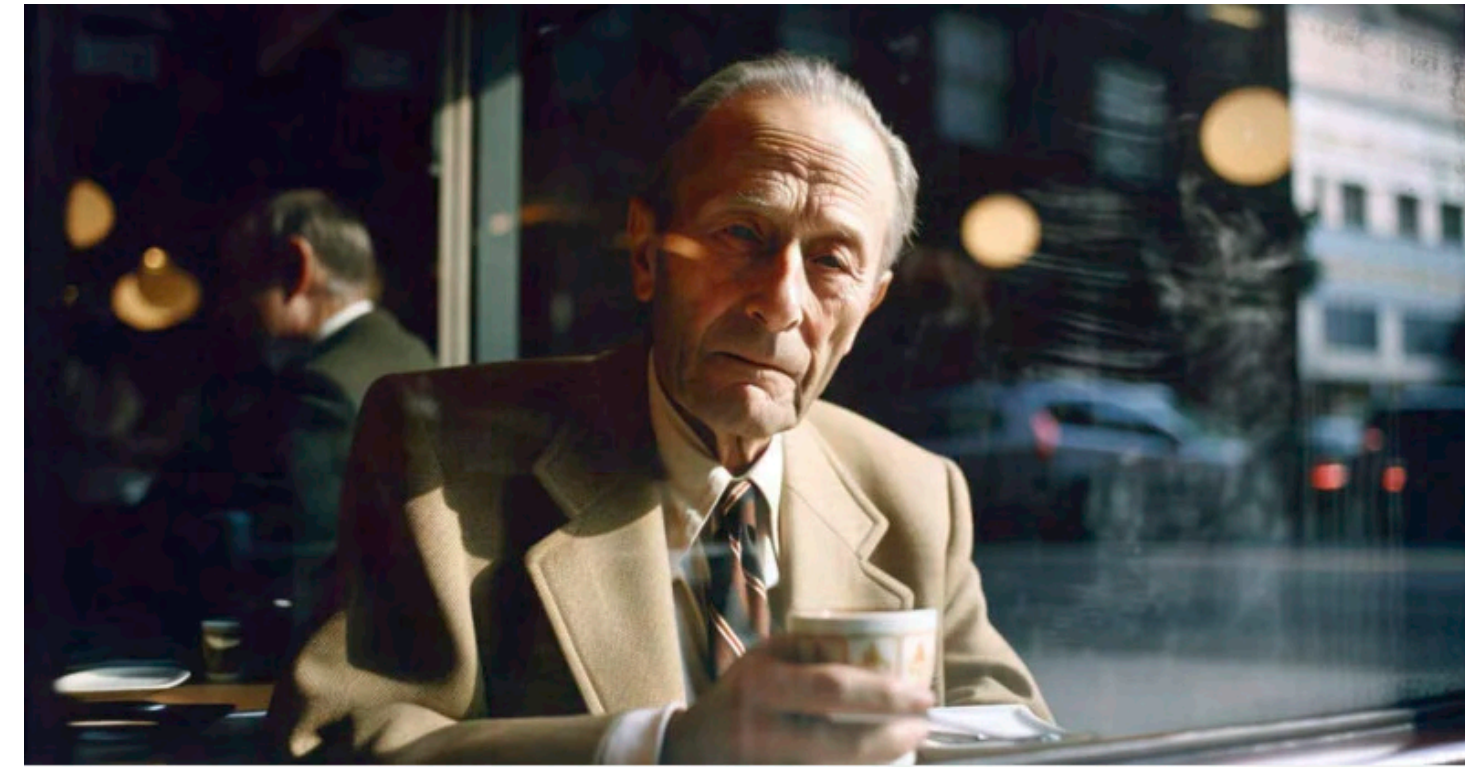
Some AI Image Generating Tools

Dall-e 3 (GPT)



<https://openai.com/index/dall-e-3/>

Midjourney



<https://www.midjourney.com/home>

Firefly (Photoshop)



<https://firefly.adobe.com/>

Stable Diffusion



<https://stability.ai/>

Stable Diffusion

Pros:

Free

Run it locally

Flexibility and Customization

Advanced Features

Great Community and support

Cons:

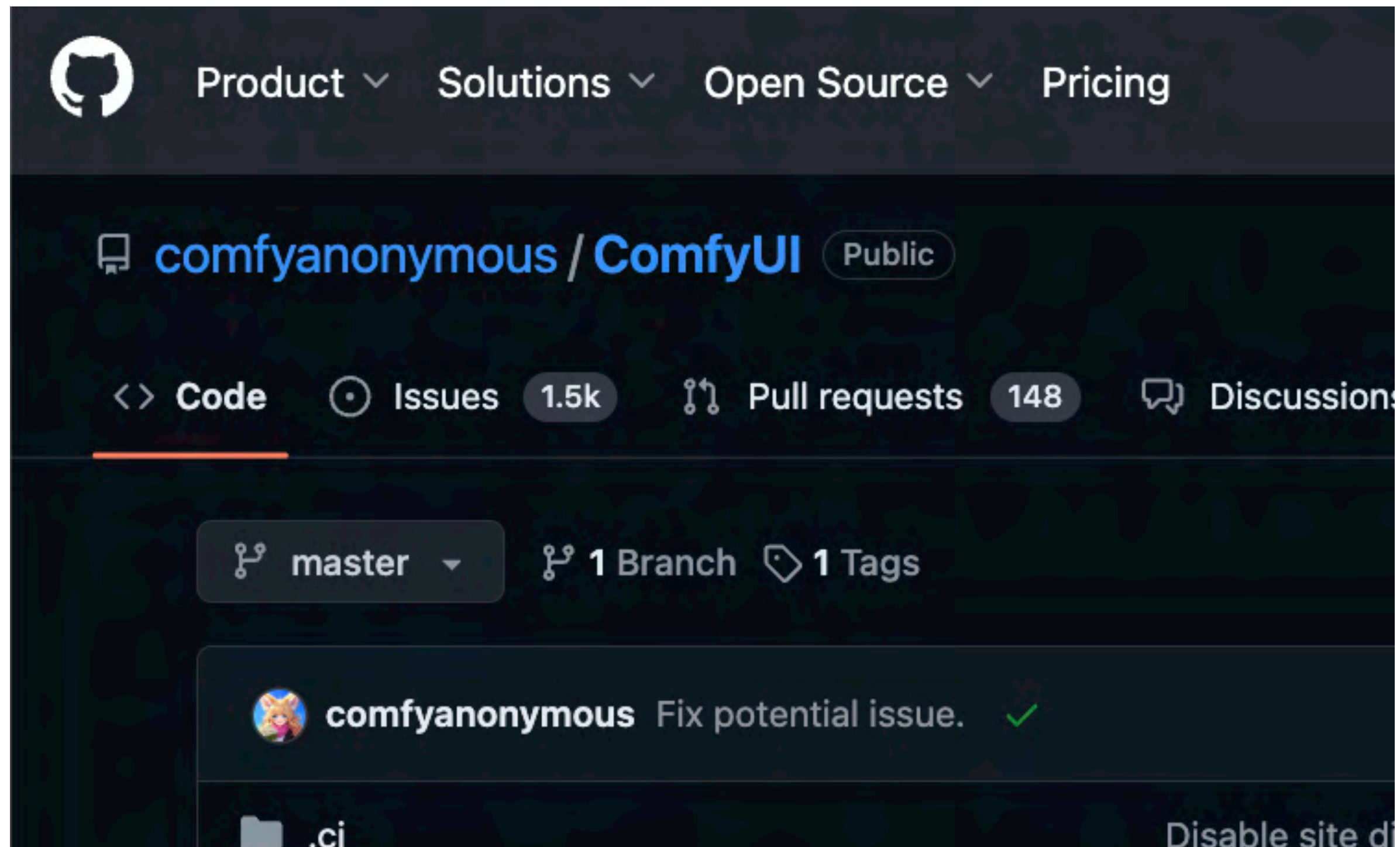
Performance requirements

Complexity for beginners

Tough to run it on Macs (Bugs)

I run Stable Diffusion using ComfyUI

ComfyUi on Github



<https://github.com/comfyanonymous/ComfyUI>

Or use Pinokio (1 Click installer)

Install, Run & Control
Terminal apps
on Your Computer
with 1 Click.

Pinokio is a browser that lets you install, run, and programmatically control ANY application, automatically.

Download

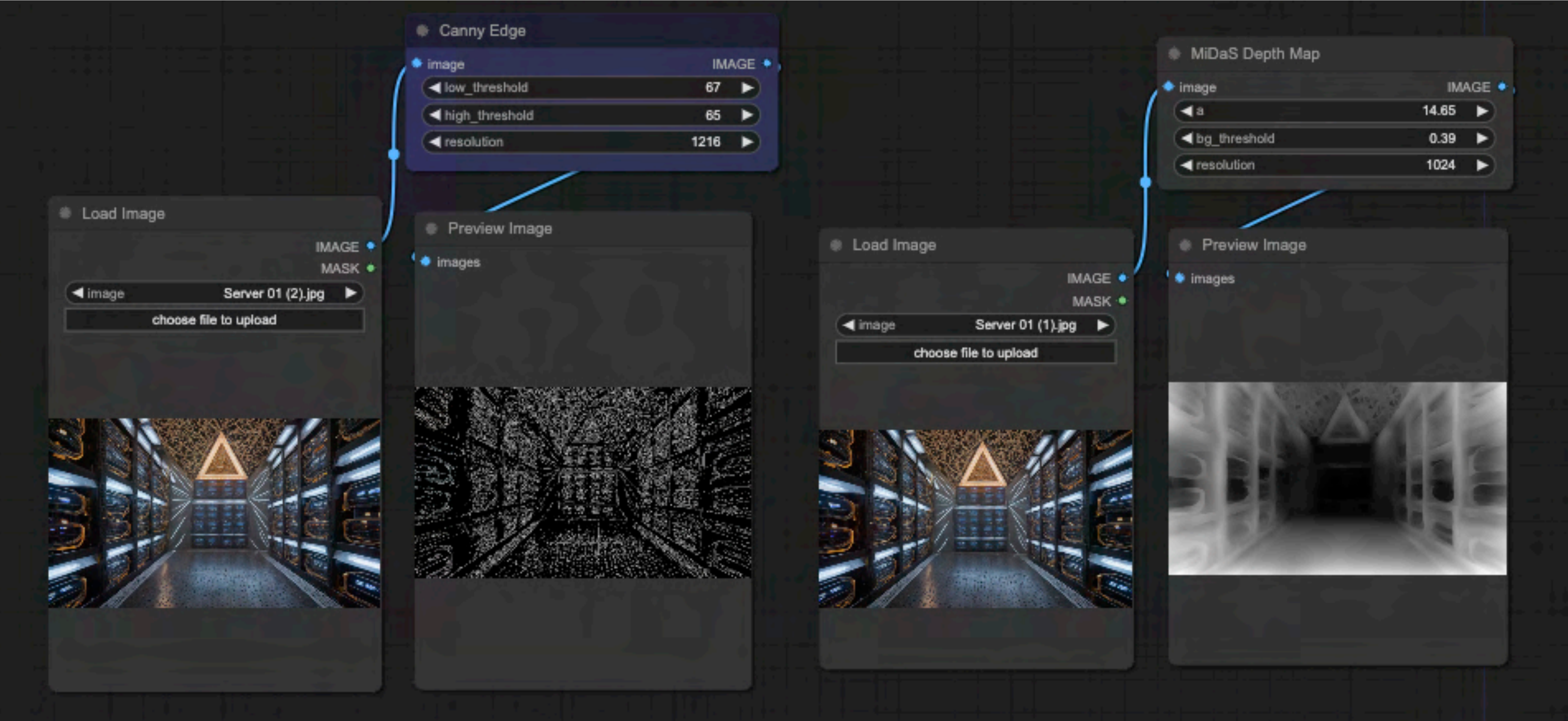
Explore

Learn



<https://pinokio.computer/>

Some features I love about StableDiffusion



Edge Detection using Canny

Depth Map using Midas

Some features I love about StableDiffusion

Image to Image
Guided by open Pose,
Canny Edge)

The screenshot shows a workflow in a Stable Diffusion web interface. It starts with a 'Load Image' node where a file named 'Sacrifice_1 large.png' is loaded. This image is then processed by a 'DWPose Estimator' node. The settings for this node are: 'detect_hand' (enable), 'detect_body' (enable), 'detect_face' (enable), 'resolution' (512), 'bbox_detector' (yolox_Lonnx), and 'pose_estimator' (dw-ll_ucoco_384.onnx). The output of the 'DWPose Estimator' node is connected to a 'Preview Image' node, which displays the original image with a colorful skeleton overlay representing the detected pose.

Text to Image (Guided by open Pose)



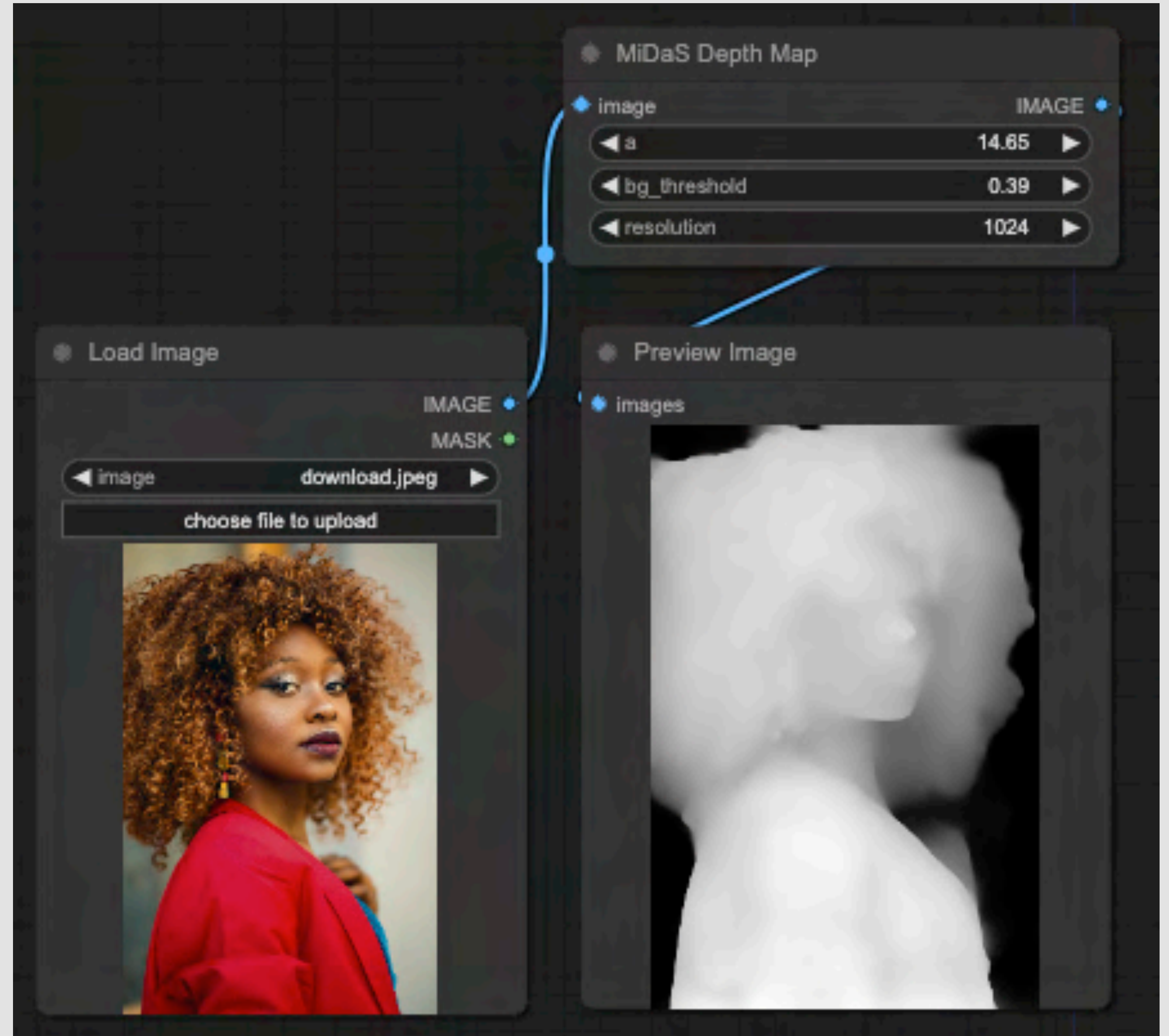
Pose Detection using Open Pose

From 2D to “3D” Image

Step #1 Create a Depth Map of the Image:

A depth map image is a grayscale image that encodes the distance information from the camera,

Midas Depth Map (Free) in ComfyUI



Use the ControlNet Midas DepthMap

Important: Try different resolutions in the Node. Not always higher resolutions give best results. Sometimes, just doing it at 512 or 1024 gives the best results

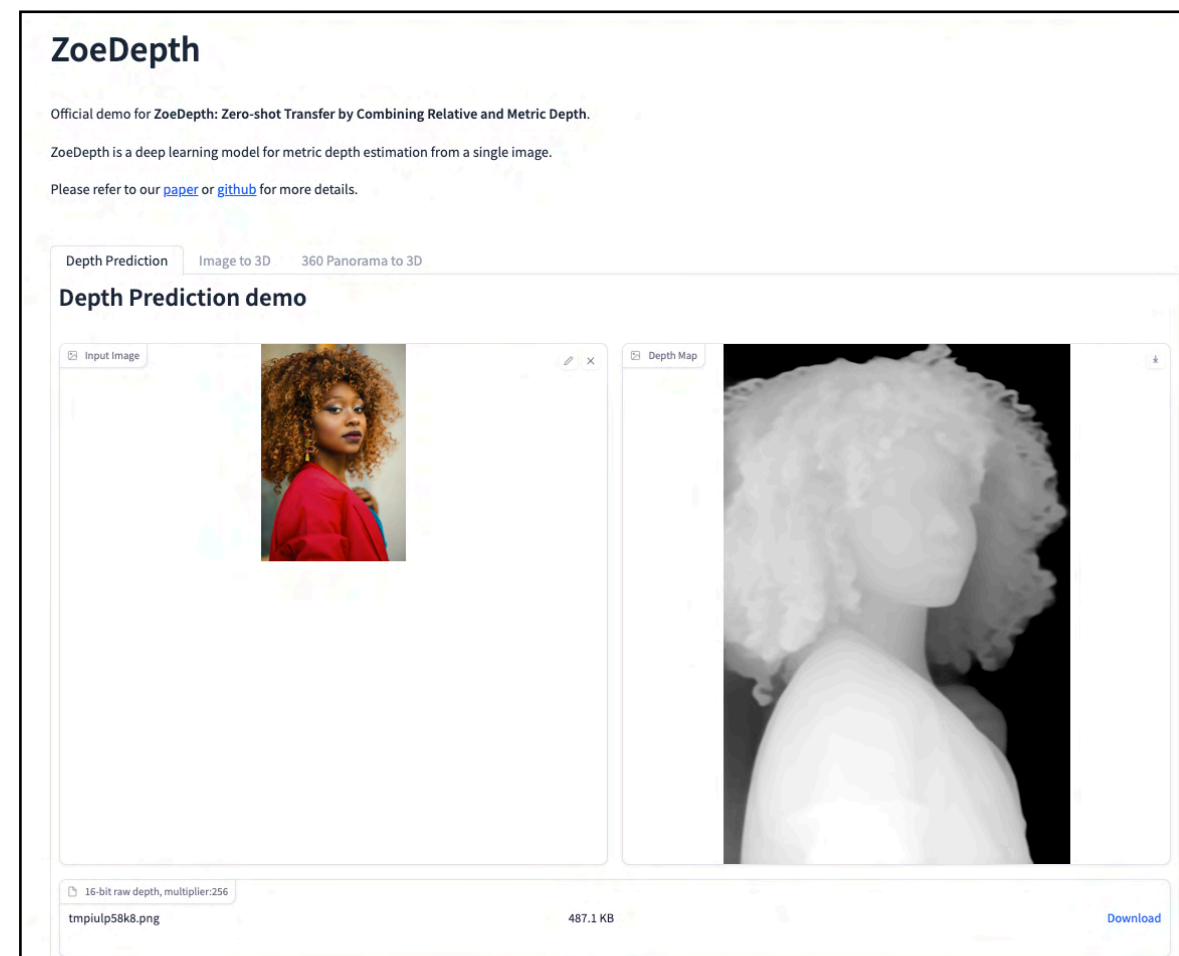
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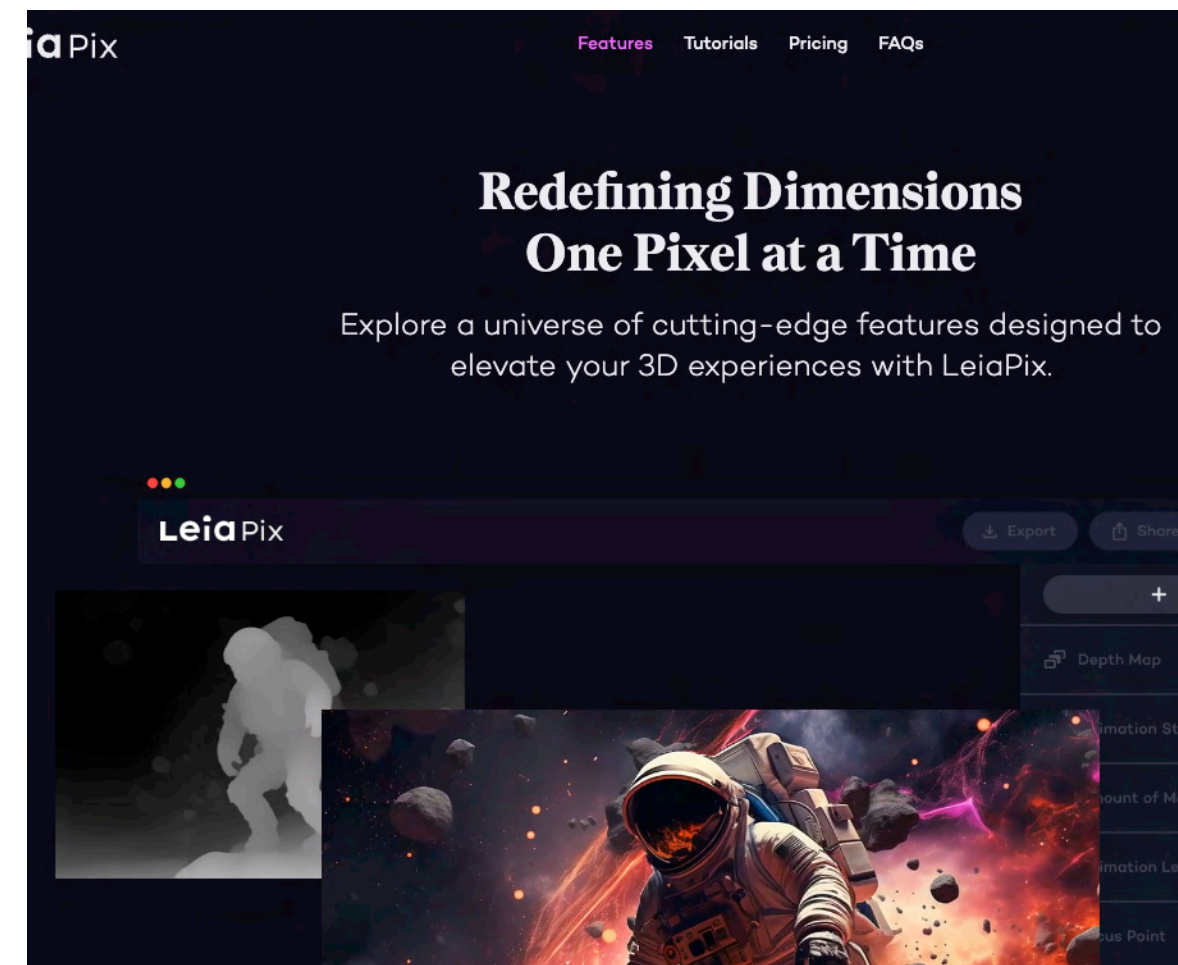
Other Tools / Sites to create Depth Maps

ZoeDepth - Website (Free)



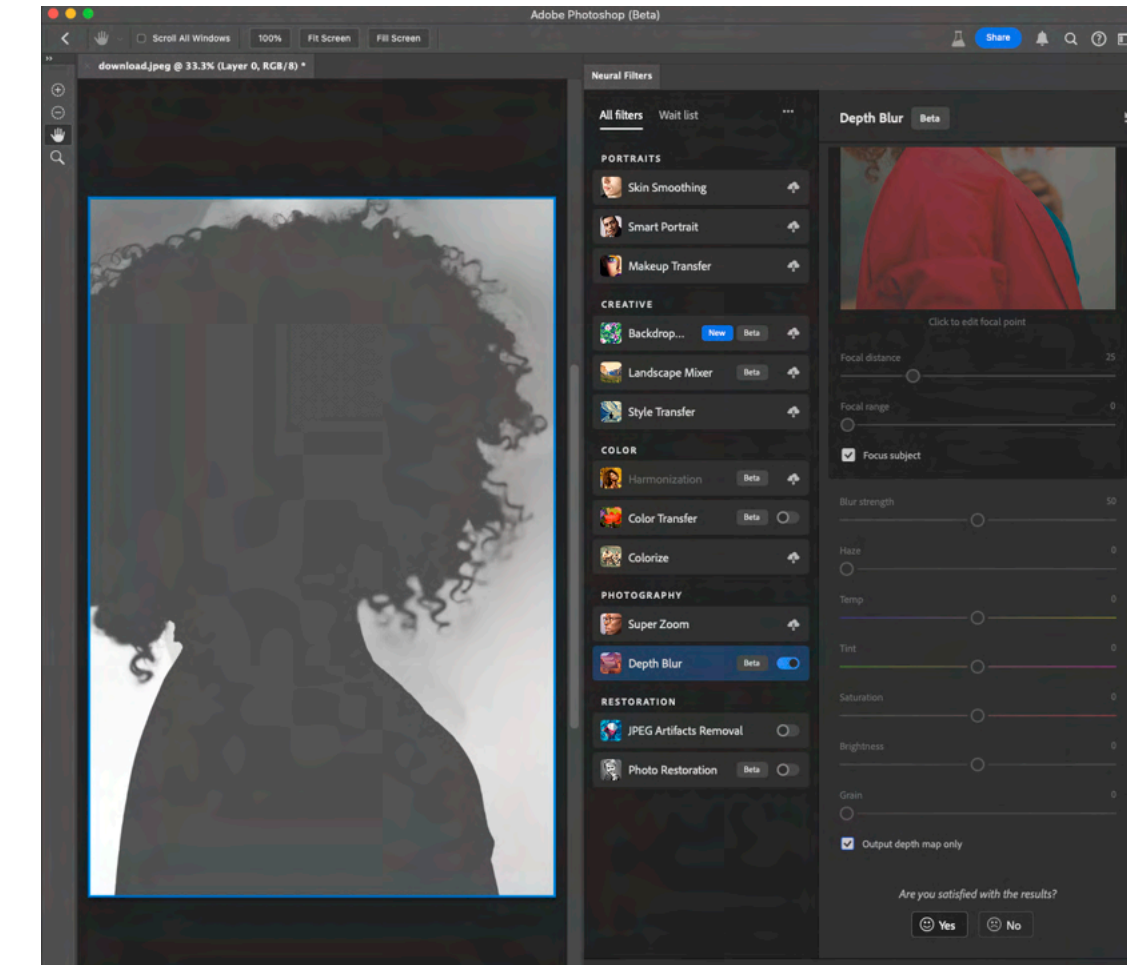
<https://huggingface.co/spaces/shariqfarooq/ZoeDepth>

LeiaPix (1 site solution) Paid



<https://www.leiapix.com/features>

Photoshop. (Paid) Mixed Results

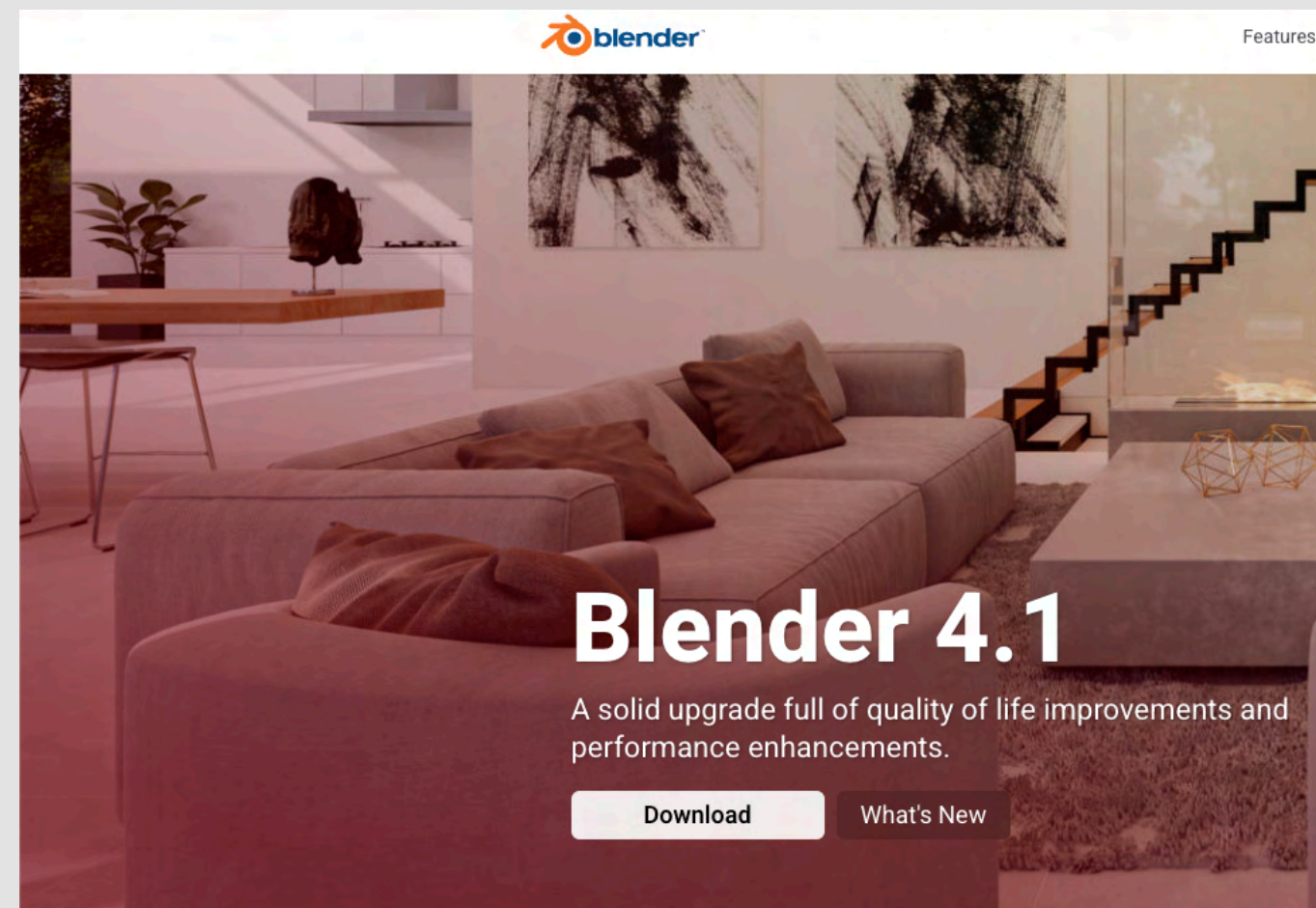


Filter/NeuralFilter/Depth blur, Select”Output Depth Map Only) and Important, then invert it. Black should be the furthest

From 2D to “3D” Image

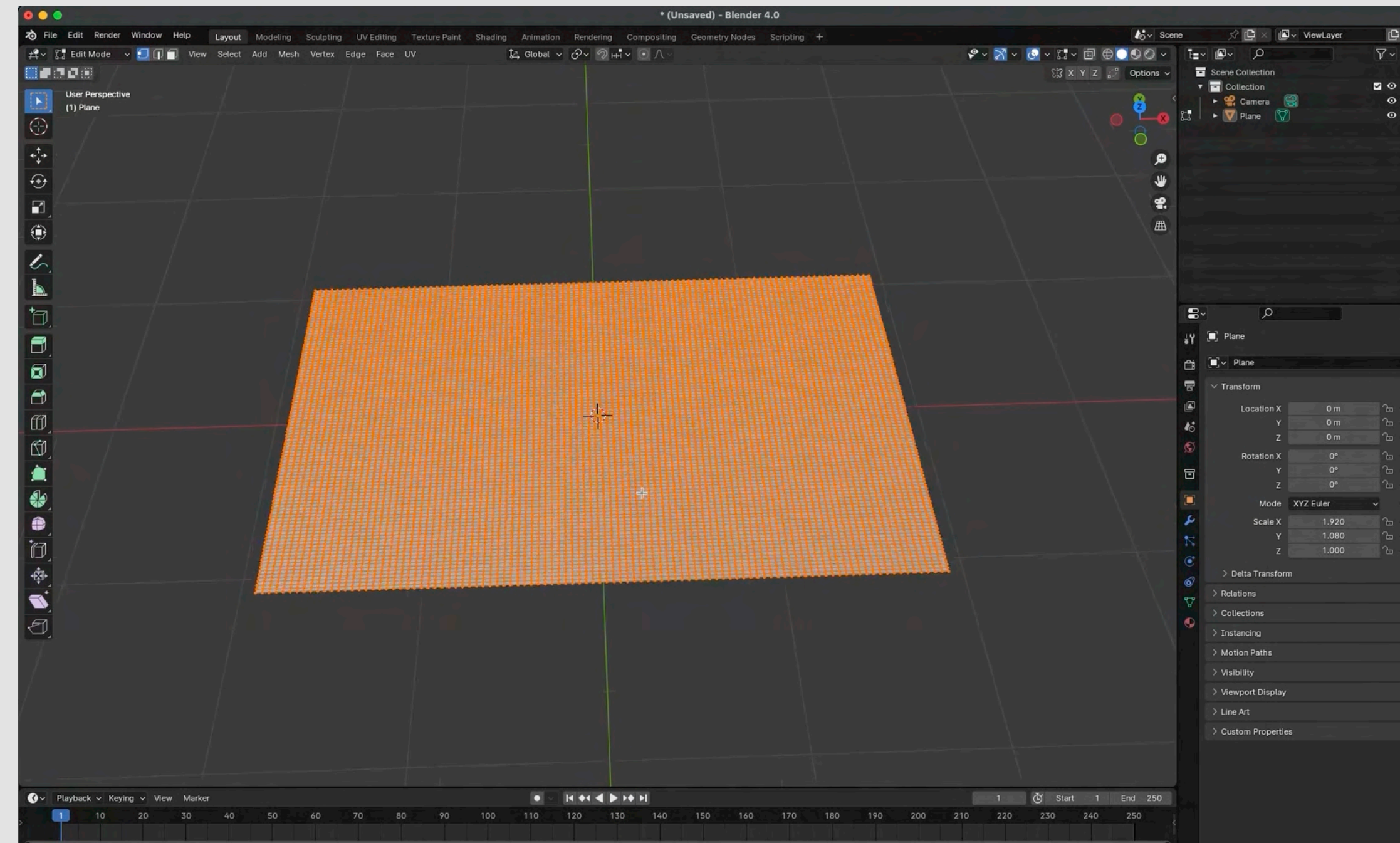
Step #2 Use Blender to create the 3D environment

1. Download Blender (Free 3D software)



<https://www.blender.org/>

2. Create a Plane and subdivide it.



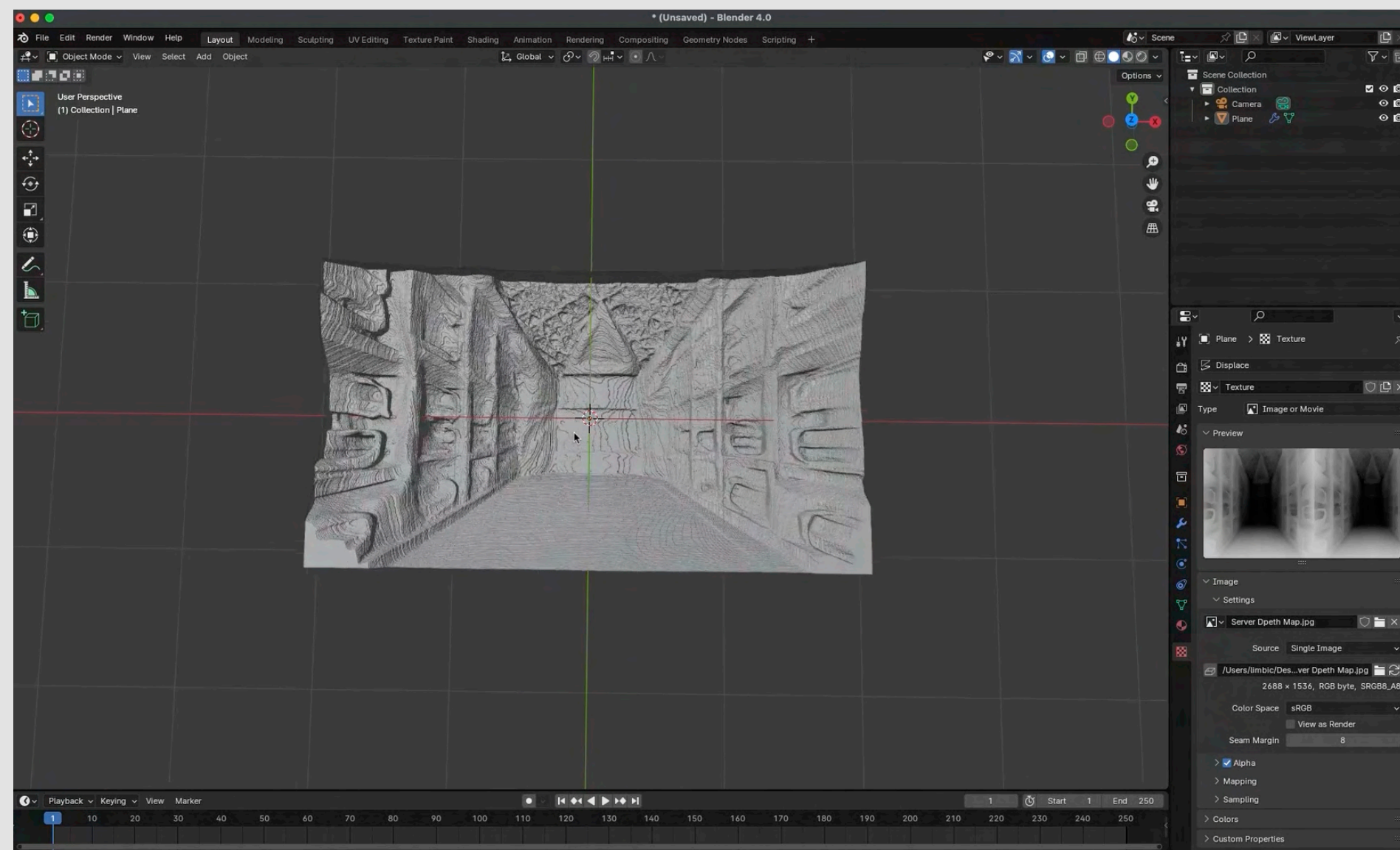
30 min step by step video

<https://ivancortazar.com/2d-3d/>

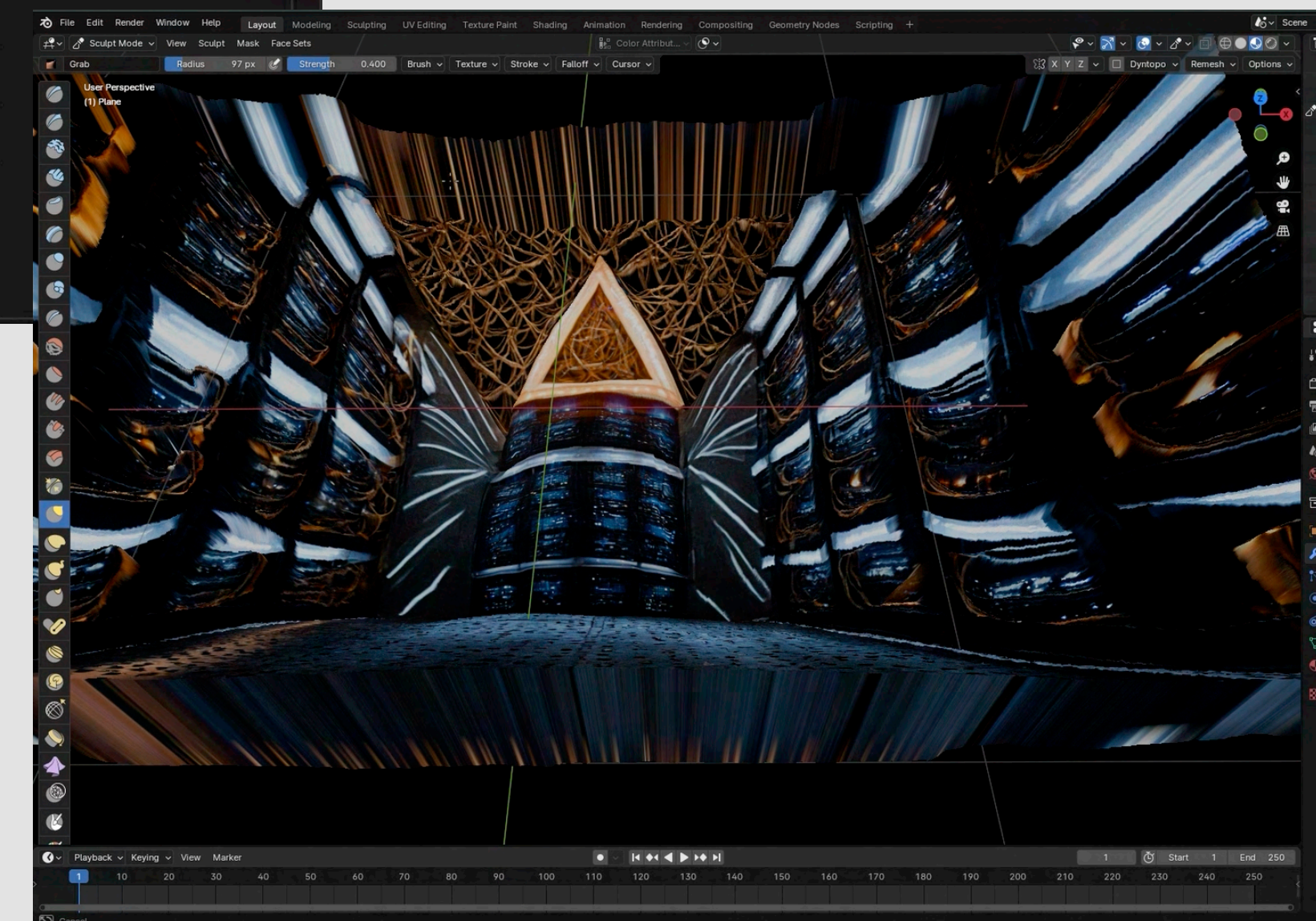
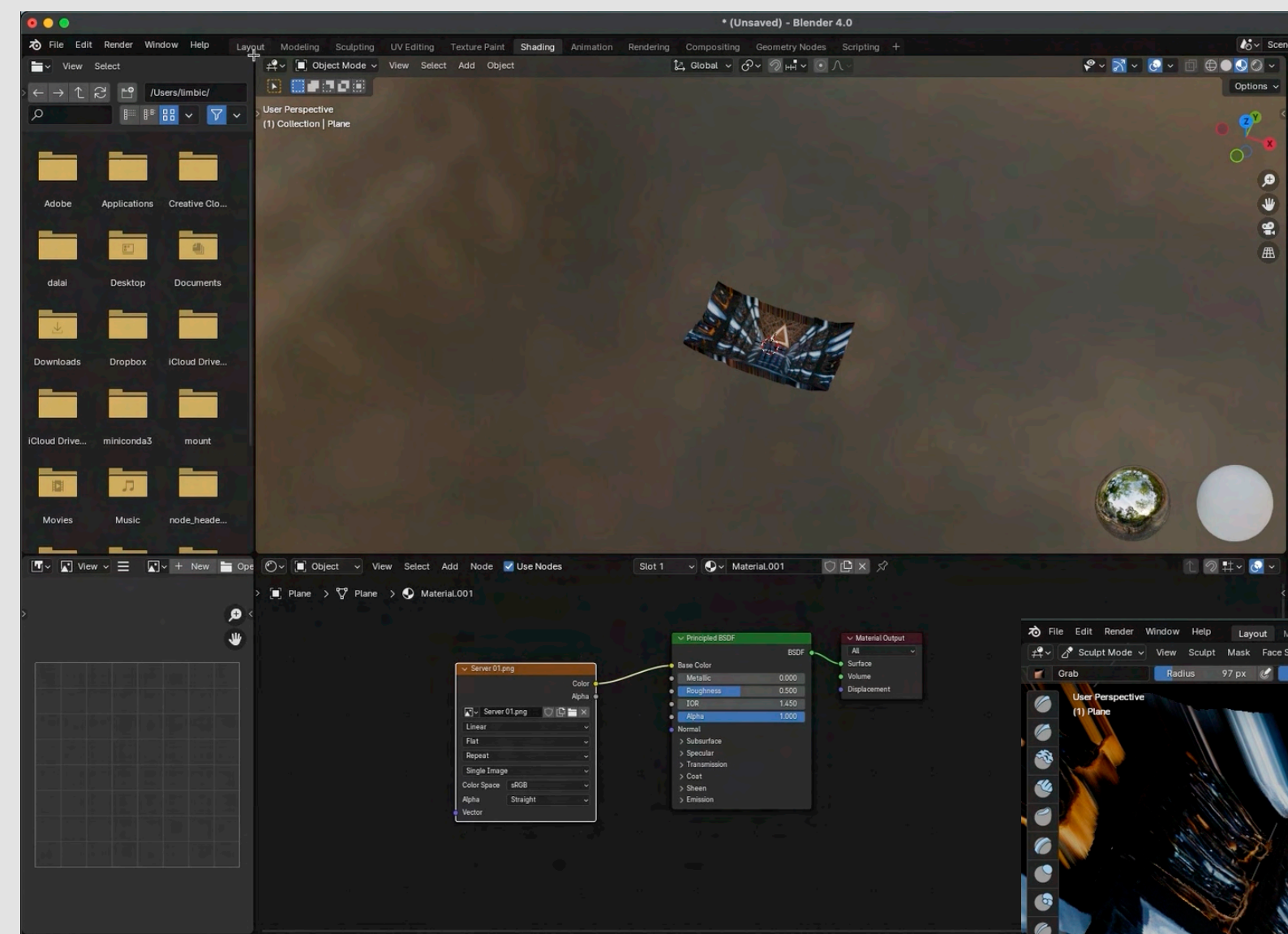
From 2D to “3D” Image

Step #2 Use Blender to create the 3D environment

3. Apply a displacement map with the Depth Map Texture to the plane



4. Add a shader and apply the original image to it



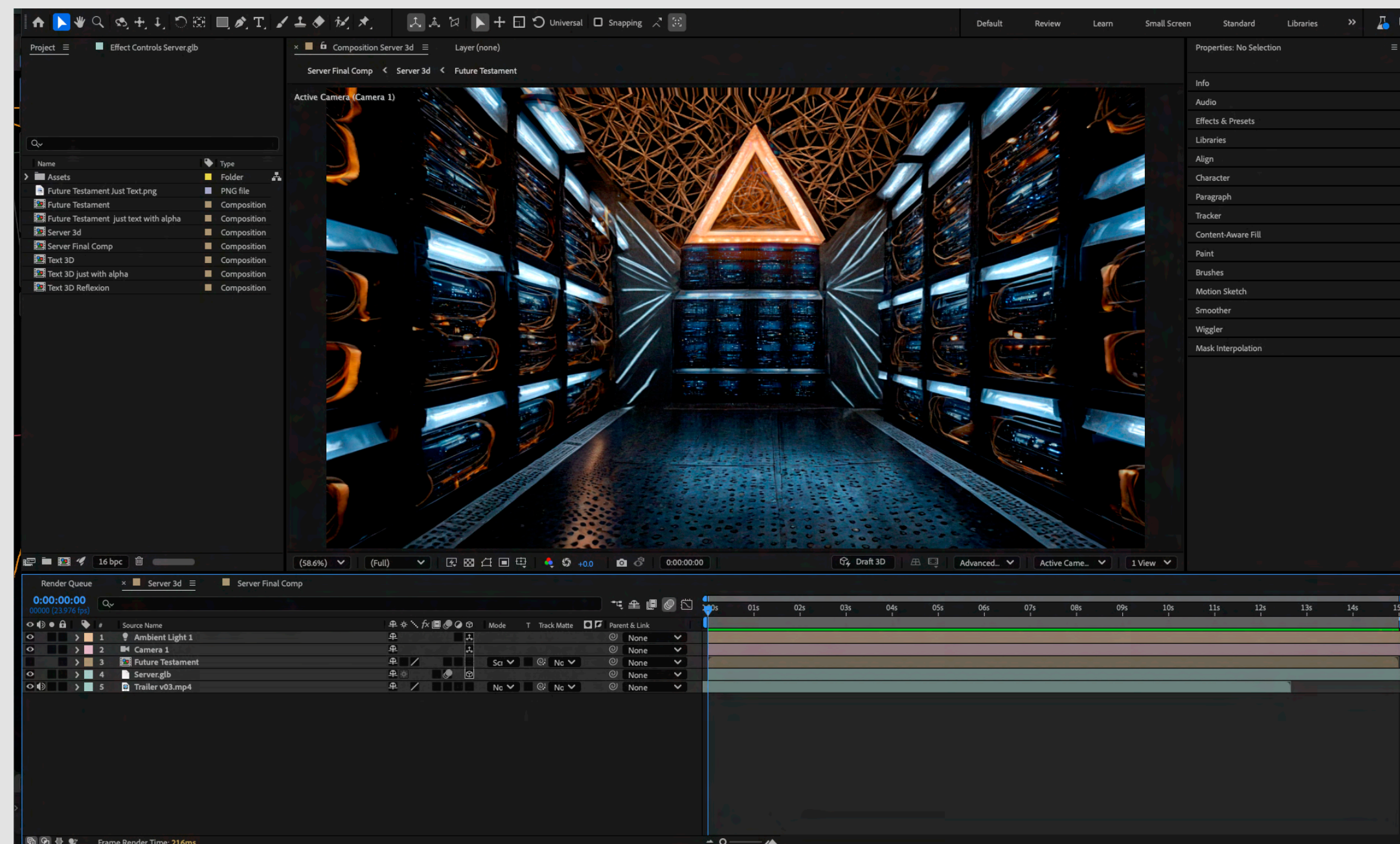
30 min step by step video

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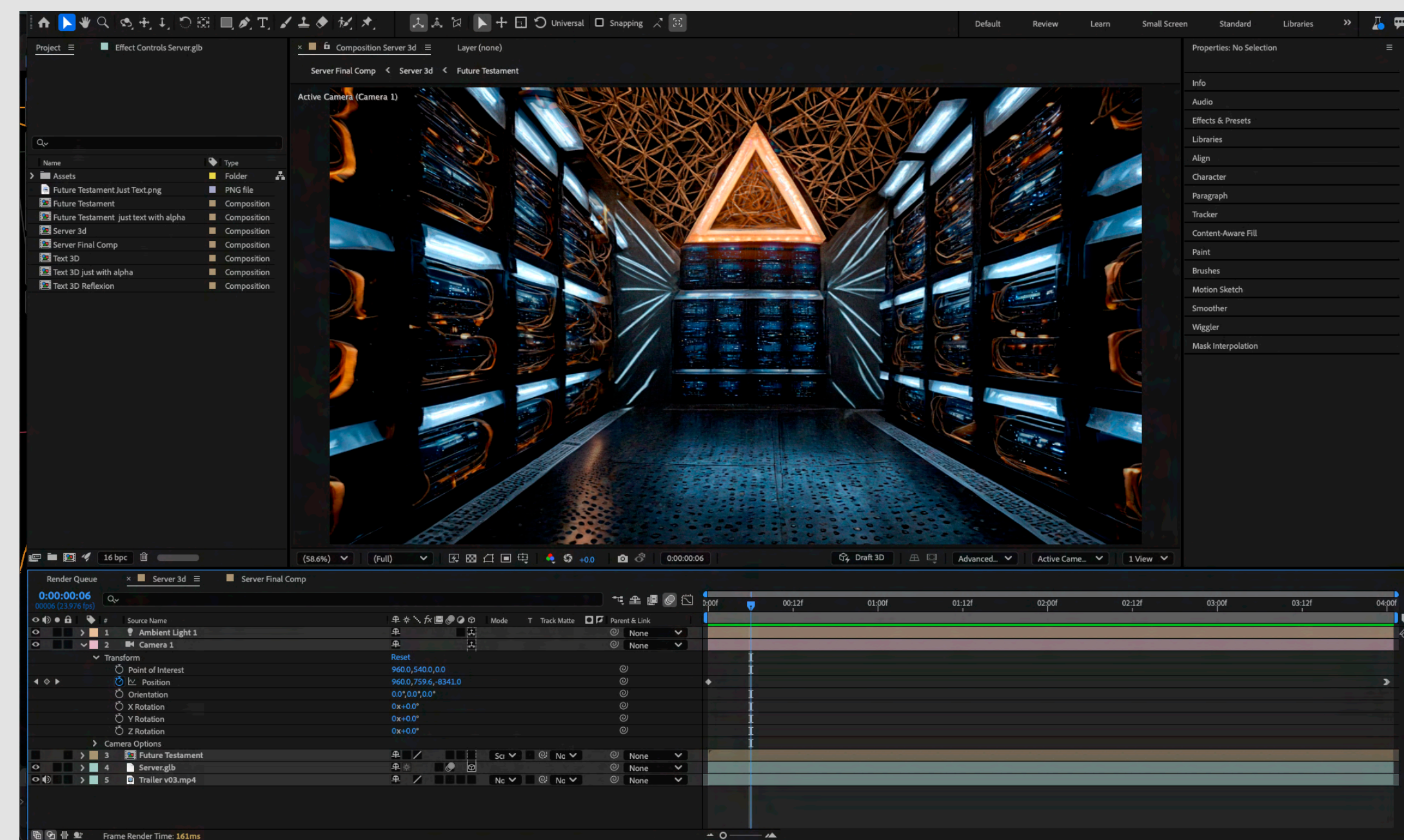
From 2D to “3D” Image

Step #3 Export Scene from Blender into After Effects and composite a new scene

5. Export the scene as a GIF 2.0 from Blender and import it in After Effects.



6. Create Camera and Light and add key frames to Camera.



30 min step by step video

<https://ivancortazar.com/2d-3d/>

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Thank You!

If you have questions, just reach out.

30 min step by step video & Presentation Pdf

<https://ivancortazar.com/2d-3d/>

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