

# clip\_interrogator

October 21, 2022

## 1 CLIP Interrogator by [@pharmapsychotic](<https://twitter.com/pharmapsychotic>)

What do the different OpenAI CLIP models see in an image? What might be a good text prompt to create similar images using CLIP guided diffusion or another text to image model? The CLIP Interrogator is here to get you answers!

If this notebook is helpful to you please consider buying me a coffee via [ko-fi](#) or following me on [twitter](#) for more cool Ai stuff.

And if you're looking for more Ai art tools check out my [Ai generative art tools list](#).

```
[ ]: #@title Check GPU  
!nvidia-smi -L
```

```
GPU 0: NVIDIA GeForce RTX 3090 (UUID: GPU-8c5f31c0-aec4-5828-1fc6-24bd25119294)  
GPU 1: NVIDIA GeForce RTX 3090 (UUID: GPU-99fffc975-a6e6-3d71-c76b-0fc2d35723ad)
```

```
[ ]: #@title Setup  
%cd ./BLIP  
  
import clip  
import gc  
import numpy as np  
import os  
import pandas as pd  
import requests  
import torch  
import torchvision.transforms as T  
import torchvision.transforms.functional as TF  
  
from IPython.display import display  
from PIL import Image  
from torch import nn  
from torch.nn import functional as F  
from torchvision import transforms  
from torchvision.transforms.functional import InterpolationMode  
from models.blip import blip_decoder  
import cv2  
import datetime
```

```

from IPython.core.display import HTML
import matplotlib.pyplot as plt

device = torch.device('cuda:0' if torch.cuda.is_available() else 'cpu')

blip_image_eval_size = 384
blip_model_url = 'https://storage.googleapis.com/sfr-vision-language-research/
↳BLIP/models/model*_base_caption.pth'
blip_model = blip_decoder(pretrained=blip_model_url, ↳
↳image_size=blip_image_eval_size, vit='base')
blip_model.eval()
blip_model = blip_model.to(device)

def generate_caption(pil_image):
    gpu_image = transforms.Compose([
        transforms.Resize((blip_image_eval_size, blip_image_eval_size), ↳
↳interpolation=InterpolationMode.BICUBIC),
        transforms.ToTensor(),
        transforms.Normalize((0.48145466, 0.4578275, 0.40821073), (0.26862954, ↳
↳0.26130258, 0.27577711))
    ])(image).unsqueeze(0).to(device)

    with torch.no_grad():
        caption = blip_model.generate(gpu_image, sample=False, num_beams=3, ↳
↳max_length=1000, min_length=100)
    return caption[0]

def interrogate(image, models):
    caption = generate_caption(image)
    if len(models) == 0:
        print(f"\n\n{caption}")
        return

    table = []
    bests = [[(' ', 0)]]*5
    slaves = ', '.join([f'{x[0]}' for x in bests[4]])
    medium = bests[0][0][0]
    print(f"\n\n{caption}")

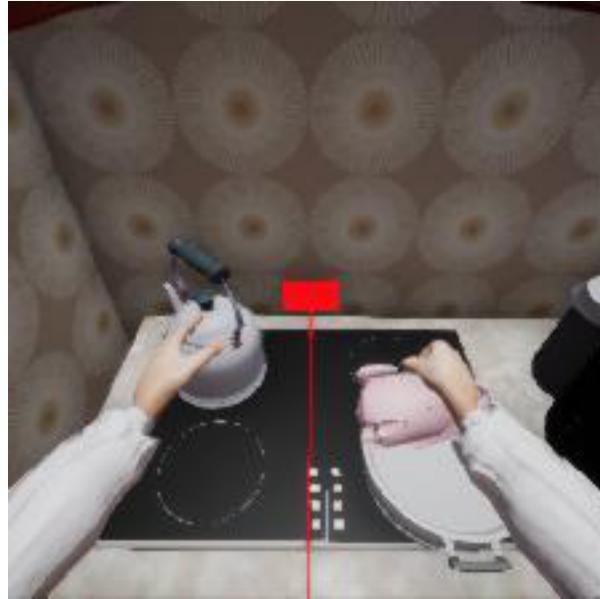
```

```

/home/arty/clip-interrogator/BLIP
/home/arty/miniconda3/envs/camus/lib/python3.10/site-packages/tqdm/auto.py:22:
TqdmWarning: IProgress not found. Please update jupyter and ipywidgets. See
https://ipywidgets.readthedocs.io/en/stable/user_install.html
    from .autonotebook import tqdm as notebook_tqdm
load checkpoint from https://storage.googleapis.com/sfr-vision-language-
research/BLIP/models/model*_base_caption.pth

```

```
[ ]:
```



a person holding a remote control over a table with a cake on it and a person holding a cell phone in front of the table with a picture of a person holding a cake on the table with a phone and a hand with a red line on the edge of the edge of the edge of the plate, that,????????????????????????????????????

```
[ ]: all_task = './boil.mp4'
```

```
[ ]: pwd
```

```
[ ]: '/home/arty/clip-interrogator/BLIP'
```

```
[ ]: video_cv2 = cv2.VideoCapture(all_task)
# frame_cv2 = video_cv2.get(cv2.CAP_PROP_FPS)
fps = video_cv2.get(cv2.CAP_PROP_FPS)
print('frames per second =',fps)
```

frames per second = 25.0

```
[ ]: minutes = 0
seconds = 28
frame_id = int(fps*(minutes*60 + seconds))
print('frame id =',frame_id)
```

frame id = 700

```
[ ]: frames = []
video_cv2 = cv2.VideoCapture(all_task)
frame_cv2 = video_cv2.get(cv2.CAP_PROP_FPS)
current_frame = 0
while video_cv2.isOpened():
    ret, frame = video_cv2.read()
    if ret == True:
        frames.append(Image.fromarray(frame[:, :, ::-1]))
    else:
        break
    current_frame += 1
t_msec = 1000*(minutes*60 + seconds)
video_cv2.set(cv2.CAP_PROP_POS_MSEC, t_msec)
# video_cv2.set(cv2.CAP_PROP_POS_FRAMES, current_frame)

print(f"Frames: {len(frames)}")
```

-----

```
KeyboardInterrupt                                     Traceback (most recent call last)
/home/arty/clip-interrogator/clip_interrogator.ipynb Cell 9 in <cell line: 5>()
    <a href='vscode-notebook-cell://ssh-remote%2B172.24.71.253/home/arty/
    ↵clip-interrogator/clip_interrogator.ipynb#W6sdnNjb2R1LXJ1bW90ZQ%3D%3D?
    ↵line=10'>11</a>      current_frame += 1
    <a href='vscode-notebook-cell://ssh-remote%2B172.24.71.253/home/arty/
    ↵clip-interrogator/clip_interrogator.ipynb#W6sdnNjb2R1LXJ1bW90ZQ%3D%3D?
    ↵line=11'>12</a>      t_msec = 1000*(minutes*60 + seconds)
--> <a href='vscode-notebook-cell://ssh-remote%2B172.24.71.253/home/arty/
    ↵clip-interrogator/clip_interrogator.ipynb#W6sdnNjb2R1LXJ1bW90ZQ%3D%3D?
    ↵line=12'>13</a>      video_cv2.set(cv2.CAP_PROP_POS_MSEC, t_msec)
    <a href='vscode-notebook-cell://ssh-remote%2B172.24.71.253/home/arty/
    ↵clip-interrogator/clip_interrogator.ipynb#W6sdnNjb2R1LXJ1bW90ZQ%3D%3D?
    ↵line=13'>14</a>      # video_cv2.set(cv2.CAP_PROP_POS_FRAMES, current_frame)
    <a href='vscode-notebook-cell://ssh-remote%2B172.24.71.253/home/arty/
    ↵clip-interrogator/clip_interrogator.ipynb#W6sdnNjb2R1LXJ1bW90ZQ%3D%3D?
    ↵line=15'>16</a>  print(f"Frames: {len(frames)}")
```

KeyboardInterrupt:

```
[ ]: import cv2
frames = []
vidcap = cv2.VideoCapture('./boil.mp4')
def getFrame(sec):
    vidcap.set(cv2.CAP_PROP_POS_MSEC, sec*1000)
    hasFrames,image = vidcap.read()
    if hasFrames:
        # cv2.imwrite("image"+str(count)+".jpg", image)
        frames.append(Image.fromarray(image[:, :, ::-1]))
```

```

        # save frame as JPG file
    return hasFrames
sec = 0
frameRate = 1 #//it will capture image in each 0.5 second
count=1
success = getFrame(sec)
while success:
    count = count + 1
    sec = sec + frameRate
    sec = round(sec, 2)
    success = getFrame(sec)

```

[ ]: len(frames)

[ ]: 70

[ ]: video\_cv2

[ ]: < cv2.VideoCapture 0x7fd79f5c6f90>

[ ]: type(frames[0])  
len(frames)

[ ]: 1748

```

ViTB32 = True #@param{type:"boolean"}
ViTB16 = True #@param{type:"boolean"}
ViTL14 = False #@param{type:"boolean"}
ViTL14_336px = False #@param{type:"boolean"}
RN101 = False #@param{type:"boolean"}
RN50 = True #@param{type:"boolean"}
RN50x4 = False #@param{type:"boolean"}
RN50x16 = False #@param{type:"boolean"}
RN50x64 = False #@param{type:"boolean"}

models = []
if ViTB32: models.append('ViT-B/32')
if ViTB16: models.append('ViT-B/16')
if ViTL14: models.append('ViT-L/14')
if ViTL14_336px: models.append('ViT-L/14@336px')
if RN101: models.append('RN101')
if RN50: models.append('RN50')
if RN50x4: models.append('RN50x4')
if RN50x16: models.append('RN50x16')
if RN50x64: models.append('RN50x64')

```

```

for i in range(len(frames)):
    image_path_or_url = frames[i]
    image = frames[i]
    thumb = image.copy()
    thumb.thumbnail([blip_image_eval_size, blip_image_eval_size])
    display(thumb)
    interrogate(image, models=models)

```



a computer generated image of a kitchen with a sink, stove, oven, microwave and dishwasher in the center of the room, and a window to the right of the picture is a view of the kitchen, and a door to the left side of the left, a window, and a door, a window, and a window, and a window, and a window, a cabinet, below, below, below, below, a sink, a sink, and cabinet,





a kitchen with a sink, stove, microwave, and a microwave oven in the middle of the room with a window on the far side of the room and a door to the other side of the room with a door and a door to the other side of the room with a door and a door to another area with a window and a window, another area, another area, another area, another area, ????????????????



a kitchen with a sink, stove, microwave, and a stove top oven with a glass door leading to the outside of the room and a door leading to a balcony with a view of a tree and a bird on the other side of the other side of the room with a door, and a window, and a window, and another area that, also, also, also, another, sink, sink,?, sink, sink, sink, sink, sink, sink,



a kitchen with a stove, dishwasher, microwave, and a counter top with a bowl of fruit and a bowl of fruit on the counter top of the sink is in front of the picture is a wood floor, and a door to the left side of the room is a door, and cabinet, a window is also a window, another area of a cabinet, another, another cabinet, another, another, another, another, cabinet, cabinet, cabinet, cabinet, and



a computer generated image of a kitchen with a microwave, oven, and counter top with a bowl of fruit on the counter and a toaster on the side of the stove top of the oven, and a door, and a door to the side of the door, and a door, a cabinet is also, also, also, a cabinet, a cabinet, and a cabinet, and a cabinet, cabinet, cabinet, cabinet, cabinet, cabinet, cabinet, and cabinet, and cabinet



a computer generated image of a kitchen with a stove, microwave, toaster, and a microwave oven on a counter top in a room with wooden floors and cabinets and a countertop area with a counter top with a microwave and cupboards and cupboards and a countertop area with a bowl with an area with a counter space area that is also also a bowl and plater plate



a kitchen with a stove top oven next to a counter top with a bowl of fruit on it and a microwave and a toaster oven in the corner of the kitchen with a microwave and a counter with a microwave and a door to the left side of the left side of the kitchen area of the oven is also side of??



a kitchen with a stove top oven next to a counter top with a pot on it and a pan on the stove top next to the stove top and a dishwasher and a dishwasher and a dishwasher and a wooden cabinet with a cabinet below it and a countertop with a sink and a977977779797999799999799999799999



a stove top oven sitting inside of a kitchen next to a counter top with a pot on top of it and a pan on the stove top of the stove in front of the oven with a wooden floor and a counter top with a metal pan on top with a wooden cabinet and a stove top with a plater and plater and plater99799999999799999999799999999



a stove top oven sitting inside of a kitchen next to a counter top with a pot on top of it and a pan on top of the stove top of the stove in front of the oven, with a wooden cabinets and a microwave and a microwave and a microwave on top with a counter top above cabinet above cabinet above sink above cabinet above cabinet above cabinet above sink?????????????????????????????



a stove top oven sitting inside of a kitchen next to a counter top with a pan on it and a coffee maker on top of the stove next to the stove and a microwave with a teapot on the counter top with a cup in front of the corner of the oven area of the kitchen area of???



a stove top oven sitting inside of a kitchen next to a microwave and a coffee pot on top of a counter top next to a coffee pot and a microwave oven with a tea kettle on top next to it and a counter top with a stove top with a stove and a microwave burner burner burner burner???



a stove top oven sitting inside of a kitchen next to a microwave and a coffee pot on top of a counter top next to a coffee pot and a microwave oven with a toaster and a toaster on the side of a counter top with a stove top with a stove and a stove and a microwave burner underneath it??





a stove top oven sitting inside of a kitchen next to a counter top with a green cup on top of the burner and a coffee maker next to the stove top with a microwave and a toaster and a coffee pot on the counter top with a knife and a knife and paper towel underneath it that is also?????????????????????????????????????



a stove top oven sitting inside of a kitchen next to a counter top with a pot on top of it and a coffee pot on top of the stove top of the stove in front of the oven, with a microwave, and a microwave and a toaster on the wall behind it, and a counter spacer, also, also, also, also, and a sink, and a sink, and a plater, and plater, and plater, and plater,



a large metal bowl sitting on top of a stove top oven next to a toaster and a microwave in a kitchen next to a counter top with a microwave and a toaster and a counter top with a toaster and a bottle on it and a counter with an oven underneath that is also a counter space spacer and a plate that is also a plater plater plater plater plater plater plater999999999999



a large metal bowl sitting on top of a wooden counter top next to a stove top oven in a kitchen next to a counter top with a microwave and a stove top with a microwave and a shelf with a towel and a towel rack on it and a shelf below it below a cabinet above cabinet above cabinet above sink basin holder basin plated unit basin plater plate



a large metal pot sitting on top of a wooden floor next to a kitchen table and a dining room table with chairs and a pot on top of a wooden floor in front of a room with a door and a table with a chair and a table and a mirror behind a window and a window seat area with a plater???



a large metal bowl sitting on top of a wooden floor next to a kitchen table with chairs and a potted plant in the middle of the bowl, and a kitchen table with chairs and a window in the background on the side of the corner of the corner of the room with a window, and a table,???



a large metal bowl sitting on top of a wooden floor next to a dining room table with chairs and a potted plant in the middle of the room, and a kitchen with a table and a window in the back corner of the corner of the room with a door and a window, a window, also a table,?????????????????????????????????????



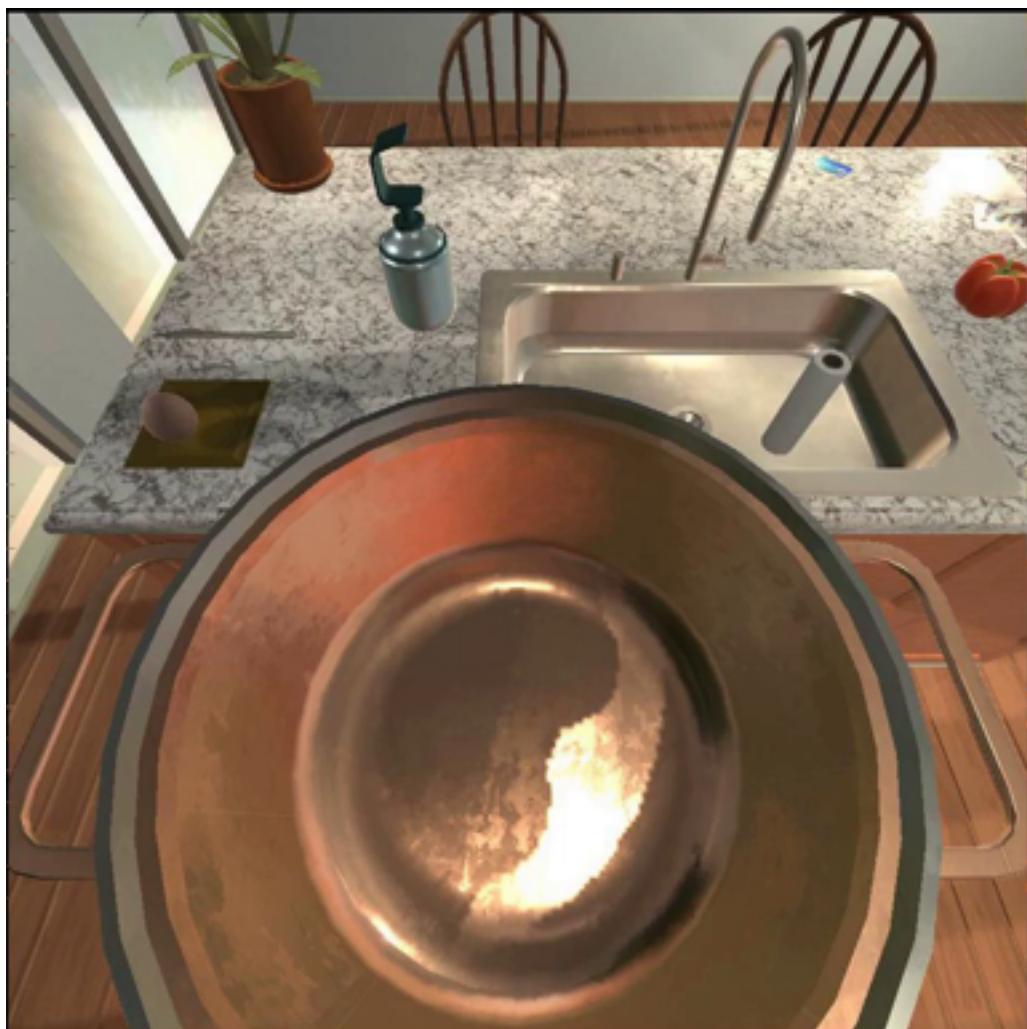
a large metal bowl sitting on top of a wooden floor next to a dining room table with chairs and a potted plant in the middle of the room, and a kitchen table with chairs and a table in the background with a window on the corner of the corner of the corner of the room, a corner, ??????????????????????????







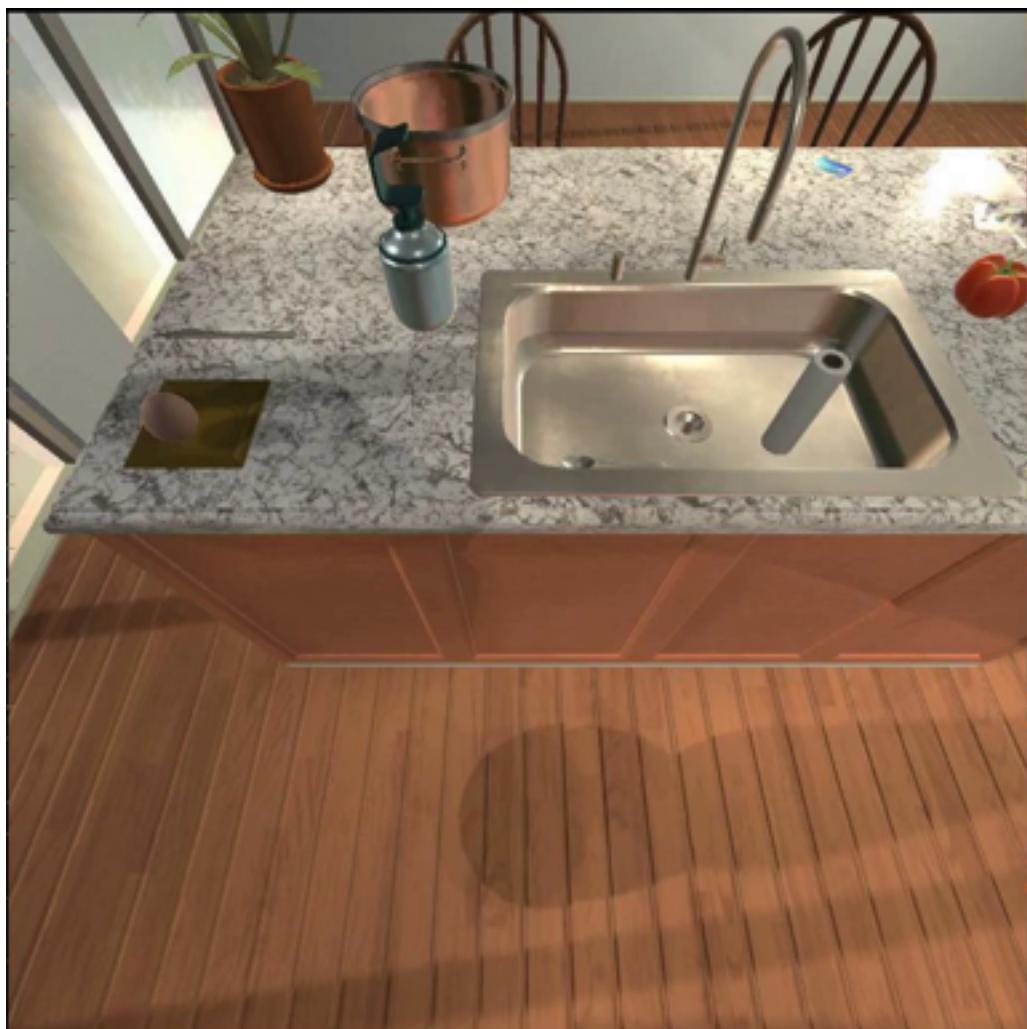
a large metal bowl sitting on top of a kitchen counter next to a sink and a counter top with a faucet and a sink faucet and a faucet in the middle of the room with a wooden chairs and a counter top with a sink and a pot and a pot on it and other items behind it also a sink and a plate and a plate and a plate and a plate and a plate999999999999999



a large metal bowl sitting on top of a kitchen counter next to a sink and a counter top with a faucet and a sink faucet and a faucet in the middle of the room with a counter top with a sink and a pot and a sink and a pair of chairs behind it and a pot and a window and a pair of chairs and a plate and a plate and a plate9999999999999999



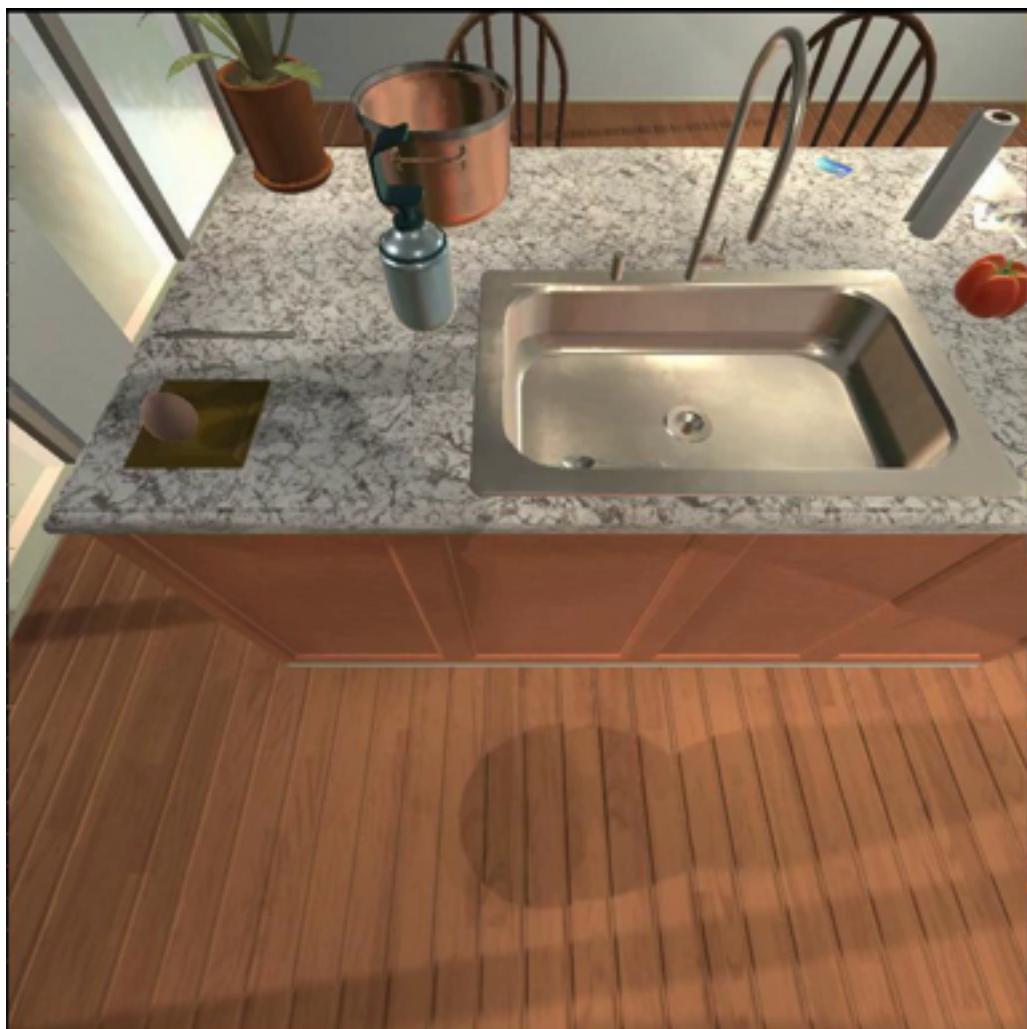
a large metal bowl sitting on top of a kitchen counter next to a sink and a counter top with a faucet and a sink faucet and a faucet in the middle of the room with a counter top with a sink and a pot and a sink and a pot and a pair of chairs behind it and a window and a window and a plate and a plate and a plate and a plate and a9999999999999



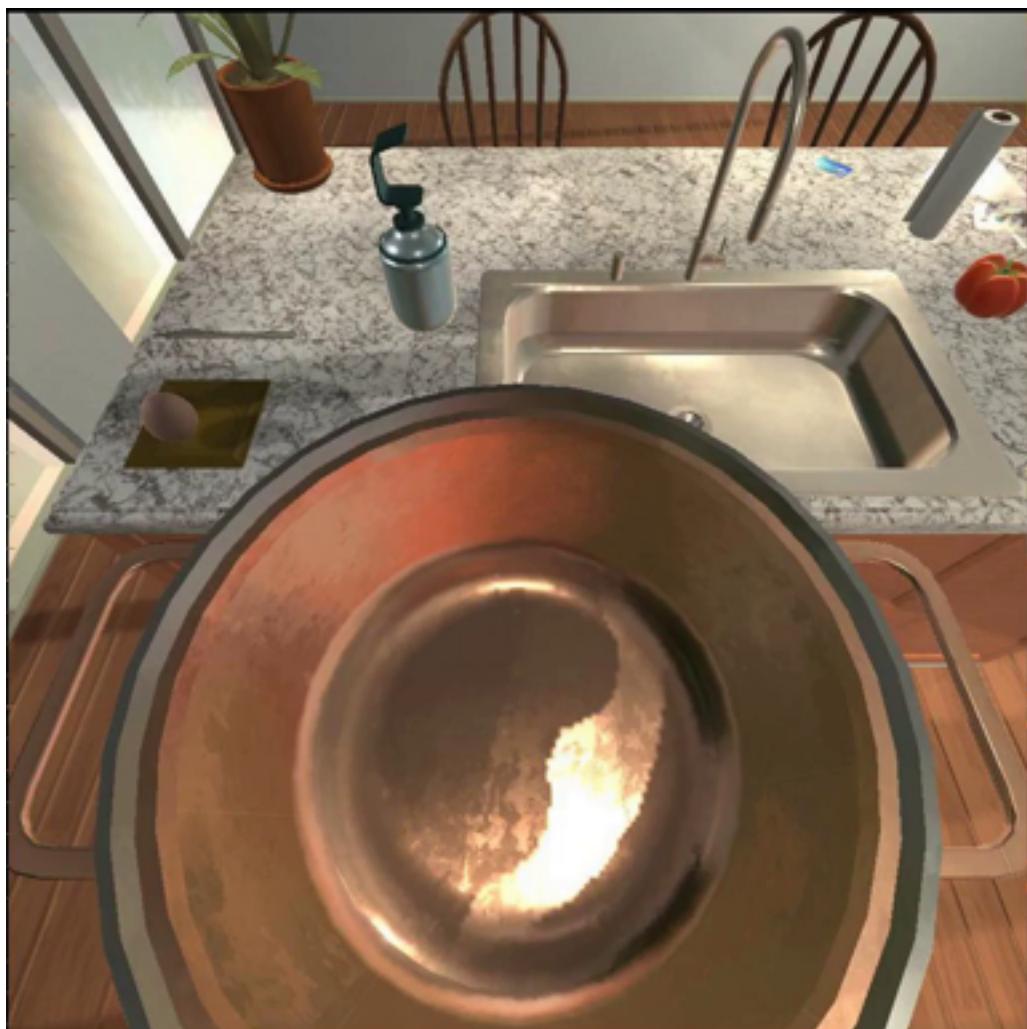
a kitchen with a sink, counter, and a potted plant on the counter and a potted plant in the corner of the kitchen sink, and a potted plant on the counter top of the sink, and a chair, and a vase on the floor, and a table, and a window, also, also, also a window, and a chair, also, also, and a plate, and a plate, plate, plate, plate, plate, and



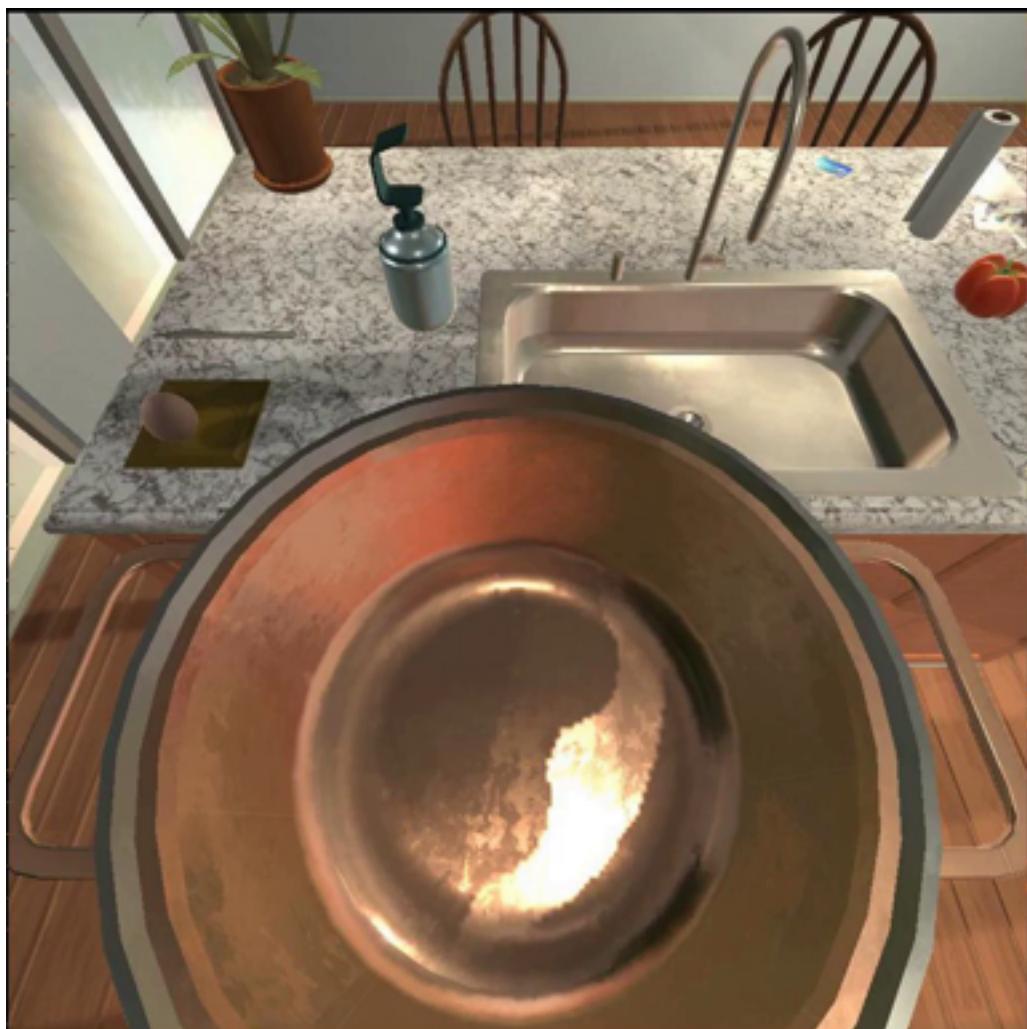
a kitchen with a sink and a counter top with a roll of toilet paper on the counter and a potted plant in the corner of the sink and a potted plant in the corner of the corner of the counter top of the sink is on the counter top of the counter top of the counter top of the dish dish dishwasher is also sink basin plater977777777777777777777777777777



a kitchen counter with a sink and a potted plant on top of it and a potted plant in the corner of the counter top of the sink and a potted planter on the right side of the counter, and a pot, and a vase on the other side of the sink, and a chair, also, also, also, and a chair, also, and a chair, also, and a chair, and a plate, plate, and plater, plate



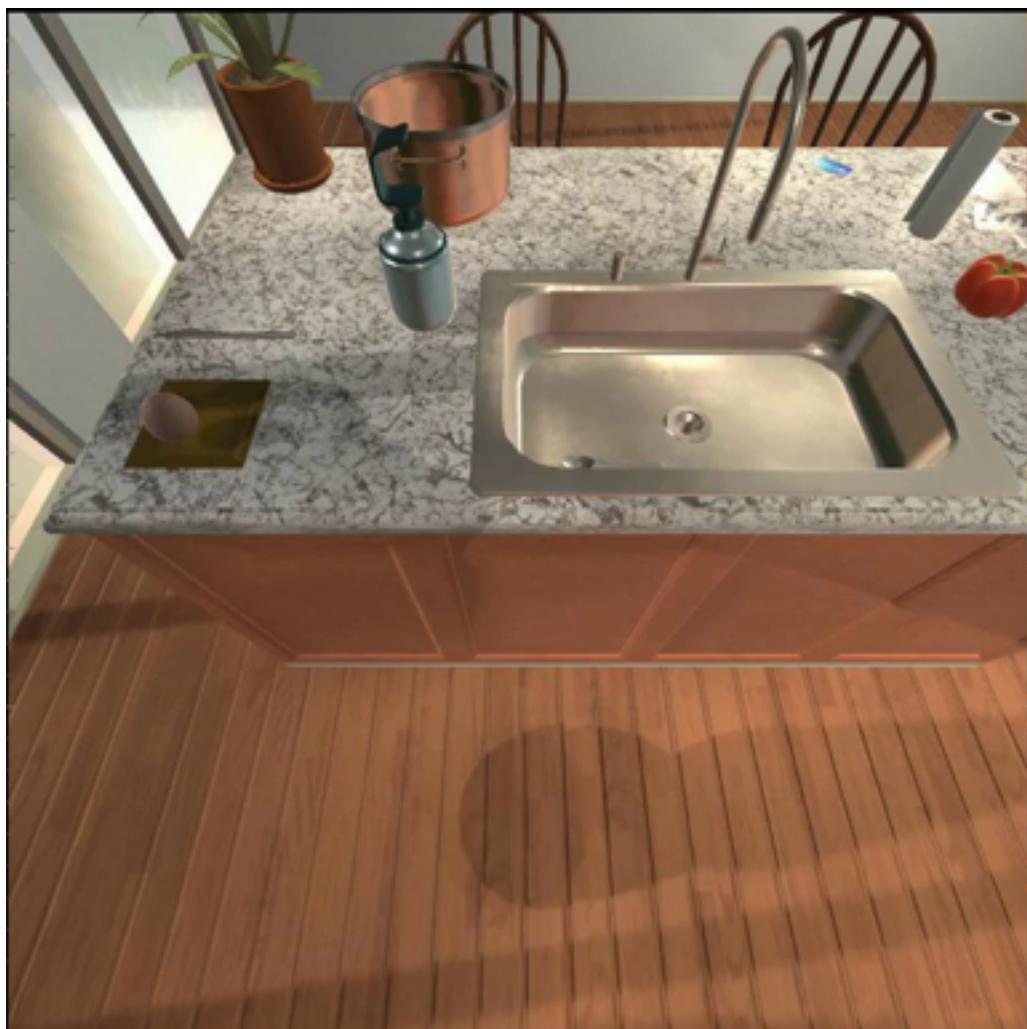
a kitchen with a sink, stove, and a counter top with a pot and pan on top of it and a kettle on the other side of the sink and a counter with a pot and a kettle on the other side of the other side of the sink, and a table, and a kitchen area, also, also, also, a sink,?????????????????????????????



a kitchen with a sink, stove, and a counter top with a pot and pan on top of it and a kettle on the other side of the sink and a counter with a pot and a kettle on the other side of the other side of the sink, and a disher, and a kitchen sink, also, also, also, a sink, and a plate, and a plate, and plate, and plater99999999999



a large metal bowl sitting on top of a kitchen counter next to a sink and a counter top with a pot and a tea kettle on top of some chairs and a table with a pot and a vase on it and a table with a plate and a plate and a plate and plate with a plate and two999999999999979997999999999999999999



a kitchen counter with a sink and a potted plant on top of it, and a potted plant in the corner of the counter top of the sink, and a potted plant on the counter top of the counter, and a pot, and a vase on the floor, and a wooden chair, and a table, also, also, also, and a sink, also, also, and a plate, and a plate, plate, plate, plate, and



a kitchen counter with a sink and a potted plant on top of a counter top next to a window with a door and a door to another room in the side of the other side of the room with a door and a door and a chair and a door with a chair and a window with a chair behind a chair behind a window behind a cabinet and a cabinetr999799999999999999999999



a kitchen counter with a sink and a potted plant on top of a counter top in front of a mirror and a potted plant in the corner of the kitchen area of the counter is also a door way to the other side of the room with a door and a door and a window, and a window, a window, a window, a cabinet and a cabinet with a chair and a chair and a plater999999999999



a kitchen counter with a sink and a potted plant on top of a counter top in front of a mirror and a potted plant in the corner of the kitchen area of the counter is also a door way to the other side of the room with a door and a door and a window, and a window behind a window behind a window, a cabinet and a cabinet with a chair and a cabinetr9999999999999999



a large metal bowl sitting on top of a counter next to a dining room table with chairs and a potted plant in the middle of the bowl and a mirror in the corner of the room with a table in the corner of the corner of the corner of the room with a window and a table and a window behind it is also a plaster plater plater plater plater97999999999999997999



a large metal bowl sitting on top of a counter next to a dining room table with chairs and a potted plant in the middle of the bowl and a mirror in the corner of the room with a table in the corner of the corner of the corner of the room with a window and a table and a window behind it is also a plaster plaster plaster  
plaster plaster plaster9799999999999999



a kitchen counter with a sink and a potted plant on top of a counter top in front of a mirror and a potted plant in the corner of the kitchen area of the counter is next to the sink, and a potted window, and a potted plant, and a window, and a window, also a window, and a chair and a chair and a cabinet with a plate and a plater9999999999999



a kitchen counter with a sink and a potted plant on top of a counter top in front of a mirror and a potted plant in the corner of the kitchen area of the counter is next to the sink, and a potted window, and a potted plant, and a pot, and a window, also a window, also a chair and a chair and a chair and a chair, and a plate999999999999999



a computer rendering of a kitchen with a sink, stove, microwave, and a ladder in the corner of the room with a ladder in the corner of the kitchen, and a ladder to the far side of the room is a door, a window, a shelf, a shelf, and a shelf, and a shelf, a shelf, and a shelf, and a shelf, a cabinet, a cabinet, a, cabinet, cabinet, cabinet, sink, sink, sink, sink



a kitchen with a stove top oven next to a dishwasher and a dishwasher and a dishwasher and a dishwasher and a wooden floor and cabinets and a white counter top with a black and a black and a white and a black and brown cabinet with a black and white and brown and brown and brown and brown and white and brown and brown countertop and silver sink and silver plate and silver plate plate and plate and plate and plate and plate and plate and plate and



a kitchen with a stove top oven next to a dishwasher and a dishwasher and a microwave on a wooden floor and a counter top with a wooden cabinets and a white counter with a black and a black and silver counter top with a white and brown and silver and silver counter with a sink and silver plate and silver plate plate plate and plate and plate plate and plate plate holder and plate holder and plate holder9999999



a kitchen with a stove top oven next to a dishwasher and a dishwasher and a microwave on a wooden floor and a counter top with a wooden cabinets and a white counter with a black and a black and silver counter top with a white and brown and silver and silver counter with a sink and silver plate and silver plate plate plate plate and plate plate and plate holder and plate and plate holder and plate holder9999999



a stove top oven sitting inside of a kitchen next to a counter top with a green object on it's burner next to a microwave oven and a counter top with a microwave and a bottle on top with a counter with a knife and a spoon next to it??



a stove top oven sitting inside of a kitchen next to a counter top with a green object on it's burner next to a stove top oven and a wooden cabinet with a knife and a green object on the counter top with a counter top with a knife and a knife and a sink underneath it that is also sink and a sink and a cabinet and cabinet and cabinet with cabinet and cabinet9979999999997999999



a stove top oven sitting inside of a kitchen next to a counter top with a green cup on top of it next to a knife and a green cup on the stove top next to the stove top with a wooden cabinets and a counter top with a knife and a knife and a knife and knife holder underneath cabinetr underneath??



a computer generated image of a kitchen with a green trash can in the middle of the floor and a white refrigerator and microwave in the middle of the room with a shelf and a shelf on the far side of the wall, and a shelf, and a shelf, and a shelf, and below, and below, below, below, a,,,,,,,,,,



a kitchen with a sink and a green cup on a counter top in front of a window with a potted plant in the corner of the sink and a potted plant on the counter top of the other side of the counter top of the sink is in front of the room, and a window, and a window, also a window, and a window, and a cabinet, and a cabinet, and a cabinetr999999999999



a kitchen counter with a sink and a potted plant on top of a counter top in front of a window with a view of a dining room through a glass door to another room with a door and a table with a chair and a chair on the side view of another area with a table, and chair, also, also, also, also, also, also, also, also, also, another, another, plate, plate, plate, plate, plate, plate, plate,



a kitchen counter with a sink and a potted plant on top of a counter top next to a mirror and a door way to a dining room with a chair and a table with a chair and a potted plant on the other area in the side of the room with a door and a window and a window behind a window?????????????????????????????????????



a kitchen sink with a faucet running from the faucet to the faucet on the sink and the faucet running from the faucet to the faucet on the wall, and a potted faucet on the side of the sink, and a door, and a chair, and a potted window, and a chair, and a chair, and a table, and a window, and a window, and a window, and a



a kitchen counter with a sink and a potted plant on top of a counter top next to a door and a chair in the corner of the room with a door to the other side of the room is a door and a window with a door and a door to the left side of a window and a window, a window, a chair, also a chair, and a chair, another, another, another, another, another, another, another, another999999



a kitchen counter with a sink and a green soap dispenser next to a potted plant on a countertop with a door and a chair in the background with a door and a window to another room with a door and a chair in the other area with a chair, and a window, and a window, also, a chair, also, also, also, a cabinet, also, also, also, a chair, also, a plate, plate, plate,



a kitchen counter with a sink and a potted plant on top of a counter top next to a mirror and a door way to a dining room with a chair and a table with a chair and a potted plant on the other area in the side of the room with a door and a window, also, also, also, also, also, also, also, a chair, also, a chair, also, also, also, a plate, plate, plate, plate, plate, plate



a kitchen counter with a sink and a potted plant on top of a counter top next to a door and a chair and a table with a potted plant on it, and a door, and a window, and a chair, and a door, and a window, and a window, a window, also, a sink, chair, chair, chair, and plate, plate,



a kitchen counter with a sink and a potted plant on top of a counter top next to a door and a chair and a table with a potted plant on it, and a door, and a window, and a chair, and a door, and a window, and a window, a window, also, a sink, chair, chair, chair, and plate, plate,



a large metal bowl sitting on top of a wooden table next to a dining room table with chairs and a potted plant in the middle of the bowl, in front of the picture is a dining room with a window and a table with a table and a chair and a table and a window behind another plate with a plater behind it?99799999999999999999999999999999



a large bowl of water sitting on top of a wooden table next to a sink with a green faucet on top of the faucet and a mirror above the faucet above the faucet and a sink in a bathroom area with a tiled floor and a sink with a window and a mirror behind it, and a window and a sink and a sink and a window behind a cabinet with a chair and a chair and a chair at a plate and a99



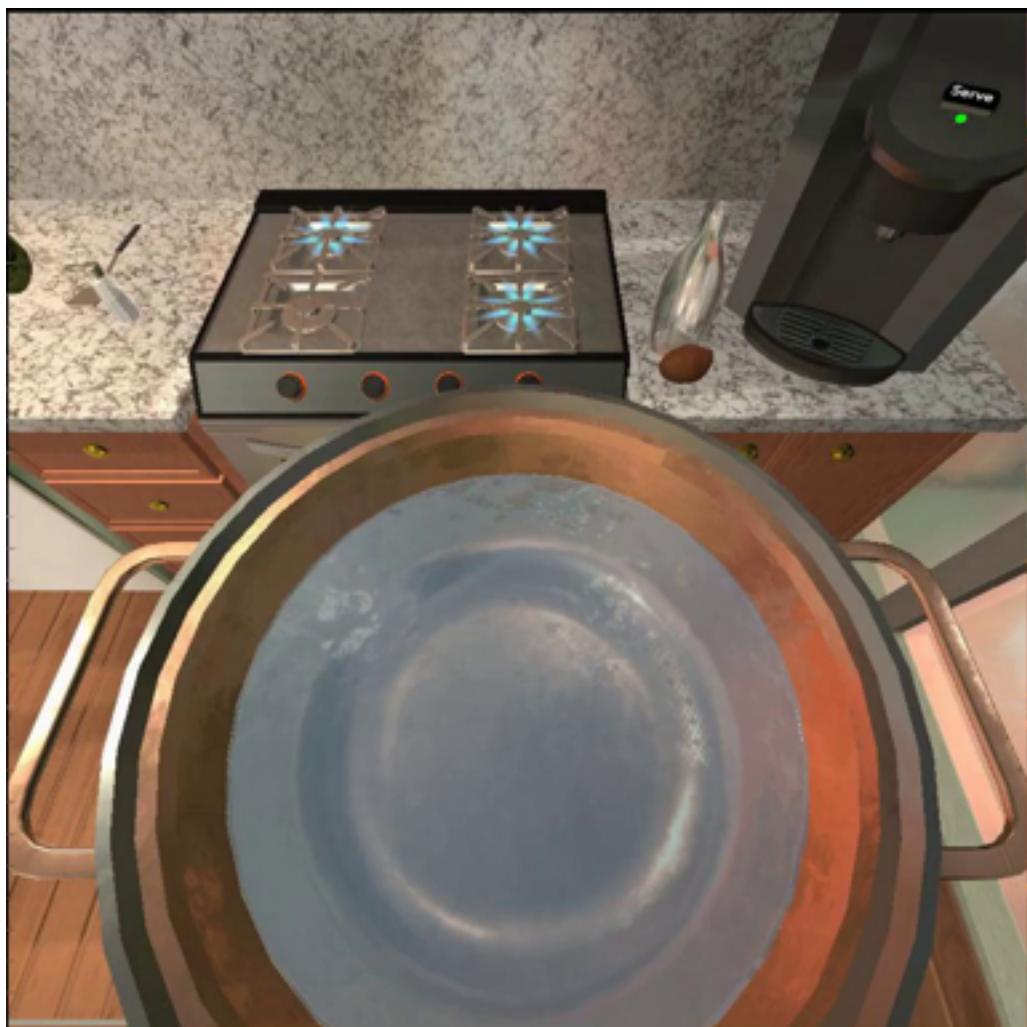
a large metal bowl sitting on top of a wooden table next to a bathroom sink with a mirror on the side of the wall and a tiled floor next to the tub with a plant in the corner of the corner of the room, and a door, and a window, and a window, a window, and a sink,?????????????????????????????????



a large metal bowl sitting on top of a kitchen counter next to a stove top oven and a sink with a faucet on it's side and a counter top with a microwave next to it and a door to it and a cabinet and a window with a shelf and a shelf with a shelf above sink and cabinet above cabinet below it and a cabinet above door and plater979999979779797979



a large metal pot sitting on top of a kitchen counter next to a microwave and a counter top with a microwave oven in the background and a green apple in the corner of the bowl on the left side of the right side of the pot, and a, and a kitchen, a,,,,,,,,,,



a large metal pan sitting on top of a stove top oven next to a stove top oven with a burner on top of it and a stove top with a stove top burner with a stove burner on it and a counter top with two burner burner burners and plate and plate with three burner burner burner burner burner burner plate and plate97777777777797797797797



a stove top oven sitting inside of a kitchen next to a counter top with a pot on top of it and a coffee pot on top of the stove top of the stove in front of the oven in a kitchen with a wood floor and a counter top with a stove top with a stove and a stove top oven underneath that is??



a stove top oven sitting inside of a kitchen next to a counter top with a pot on top of it and a coffee pot on top of the stove top of the stove in front of the oven with a wooden floor next to the stove, and a stove top, with a stove top, and a stove, and oven, and oven, ??????????????????????????????



a stove top oven sitting inside of a kitchen next to a counter top with a pot on top of the stove and a pan on top of the stove in front of the oven with the oven and a stove burner on the counter top with a stove burner burner burner burner, and water, and steam, and water, is below, and plate, that is also, that is also, that is also, that is,???????



a stove top oven sitting inside of a kitchen next to a counter top with a pot on top of the stove and a pan on top of the stove in front of the oven with the stove and the oven on the counter top with the stove burner burner burner burner, and the stove, and the oven, is, is, and is, and is not, that is also, that is, and is also, that is also, that is, that is



a stove top oven sitting inside of a kitchen next to a counter top with a pot on top of it and a coffee pot on top of the stove top of the stove in front of the oven in a kitchen with a wood floor and a counter top with a stove and a stove and a stove top oven underneath that is???