



*rita loves oranges*

In an evolution of the serendipitous Dada technique of cutting up random words from a newspaper putting them in a hat and pulling them out to create a poem. My work updates this process so that the hat and newspaper are replaced by an Artificial Intelligence.

In his 1924 manifesto of surrealism André Breton called for a uniting of the transparent world of conscious mind with that of the nebulous domain of dreams and the subconscious.

'I believe in the future resolution of these two states, dream and reality, which are seemingly so contradictory, into a kind of absolute reality, a kind of surreality, if one may so speak'.

Today, breakthroughs in the design of Artificial Intelligence (AI) in combination with advances in neuroscience are causing us to revise our notions of reality. It becomes increasingly clear the fusion between dream and reality he had called for has already taken place. We are beginning to understand that the unconscious has an indisputable influence over our thought processes at all times of the day and that human intelligence cannot be equated with rationality as once thought. 'Absolute reality or surreality' may be simply, reality.

In the DADA works of the early 20<sup>th</sup> century it was the combination of pure serendipity and their systems of making that revealed glimpses in the absurd links of the subconscious mind of an individual person.

This was the motivation behind creating an AI that would act as a tool to help me document the complex data and unconscious associative patterns that makes up an individual. A perspective which sits at odds with the way that AI currently leans towards an assumption of a singular truth. Neural networks are trained against an often-homogenous dataset with error functions until we perceive them as being 'correct'. But what do we perceive as correct? How can we ever create meaningful AI art when we generalise cultural data in AI?

What perspectives will be lost if we do not explore this further?

In my work an AI becomes a kind of self-portrait that acts as a preserved fragmented distillation of a person. However, it is a portrait in which the portrayed has been removed from the frame, leaving diorama of the subconscious mind to be played out by the surreal collided object fossils left behind. In this way the AI becomes a vehicle to reincarnate the mind of a person at a particular time through creating endlessly evolving nostalgic art based on data they have provided. This art-based data is expressed through digital collages both 2D and 3D that create surreal interior landscapes that match objects and spaces together based on how I describe them in a set of word-based descriptions. I then materialise this newly ordered reality by wooden domestic objects and use CNC milling technology to subtract reliefs of the AI objects that transform the objects in to visual monuments to the life they have experienced.



AI is based on the fundamental of learning by probability and mistakes; we teach computers through what they get wrong allowing them to reevaluate the value of X until the value is perceived as correct. The creative process is much the same. It is an emotive and visual problem-solving exercise worked out by the generation of experiments and the correction of them. The art of chance and elimination. How can collaborating with a machine change the way we view what it means to be a human, to be creative, to think.

Designing a Creative AI System

1) *Neural network tells you what is in a picture/ recognize objects (Inception-ResNet)*

2) Training images paintings of domestic scenes/ images of my flat

3) Substitute object with another object in that scene that matches it VISUALLY and in FUNCTION as possible

4) Initial output goal is a 2D image collage  
Next output goal is that it can then collage objects together in blender

Symbolism in Surrealism - I began to think how I could build the symbolic meanings into code. I could do this by "tagging" each item with a collection of tags containing symbolic, lines of poetry then match these with other tags that relate to it

"Officially consecrated in Paris in 1924 with the publication of the *Manifesto of Surrealism* by the poet and critic André Breton (1896-1966), Surrealism became an international intellectual and political movement. Breton, a trained psychiatrist, along with French poets Louis Aragon (1897-1982), Paul Éluard (1895-1952), and Philippe Soupault (1897-1990), were influenced by the psychological theories and dream studies of Sigmund Freud (1856-1939) and the political ideas of Karl Marx (1818-1883). Using Freudian methods of free association, their poetry and prose drew upon the private world of the mind, traditionally restricted by reason and societal limitations, to produce surprising, unexpected imagery. The cerebral and irrational tenets of Surrealism find their ancestry in the clever and whimsical disregard for tradition fostered by Dadaism a decade earlier."





<u>object</u>	<u>function</u>	<u>texture</u>	<u>personal symbolism</u>	<u>life of the object</u>
compact	decoration	smooth	beauty, feminine, vessel glamour, body	Siam Silver 1950s from my Grandads National service in Asia
mary	light	smooth	feminine, beauty, faith, body, heavenly, culture, resurrection, catholic, temptation, tears	My family are Catholic, and I've had this by my bed since I was born.
orange	comfort	smooth	goodness, fruit, vanitas, food, temptation	My mum always talked a lot about eating lots of fruit to avoid getting sick.
plate	decoration	smooth	food, craft	From my Grandmas house
head vase	decoration	spikey	knowledge, plato, vessel, masculine, heavenly	From my Best Friend
hornsea brown	comfort	smooth	food, craft, culture, Yorkshire, home	Reminds me of Yorkshire
muli grater	comfort	spikey	pain, food, yorkshire, home	My mums sister used to put her fingers in this
lipstick	comfort	smooth	Feminine, beauty, feminine, beauty, faith, body, heavenly, culture	/
clip	decoration	smooth	hand, body, beauty, antiquity	/
shell	darkness	spikey	vanitas, refuge, protection, resurrection	/
shelll	darkness	smooth	vanitas, refuge, protection, resurrection	/
shelllll	darkness	spikey	vanitas, refuge, protection, resurrection	/
cactus	decoration	spikey	vanitas, protection, pain	/





AI-DADA  
2023  
42cm x 28cm  
AI Collage Laser Etched on Metal



AI-DADA  
2023  
AI Collage

OBJECT

PRESENCE AND ABSENCE





Cherry, spoon, fork  
2023  
Scale of fork

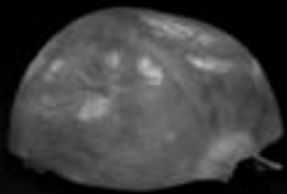
*Next steps for this object*

Confirm scale  
Have 3D printed to make mold from

Shaped metal spoons for cherry stalk





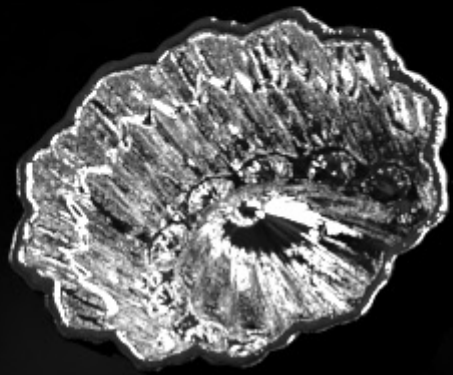


slightly moldy pomegranate  
2023  
digital scan





swan light pull cord end  
2023 digital scen  
found at rickmansworth car boot



Jelly mould  
2023  
found at rickmansworth car boot



wooden objects scans  
2023  
found at rickmansworth car boot



jug scan  
2023  
given to me by my mum in early 2020



orange  
2023



meringue scan  
2023  
reminds me of yorkshire

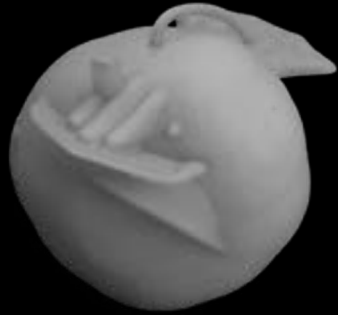
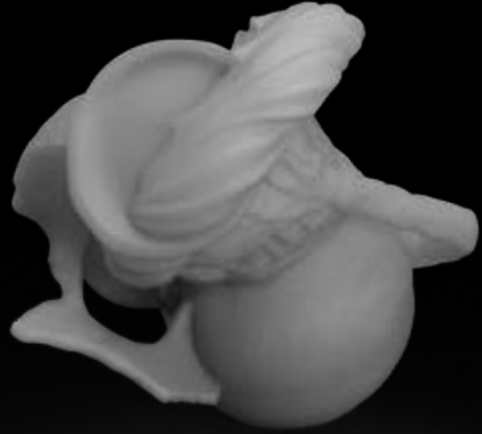


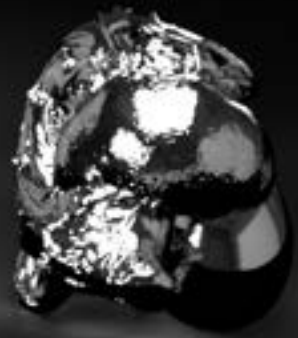
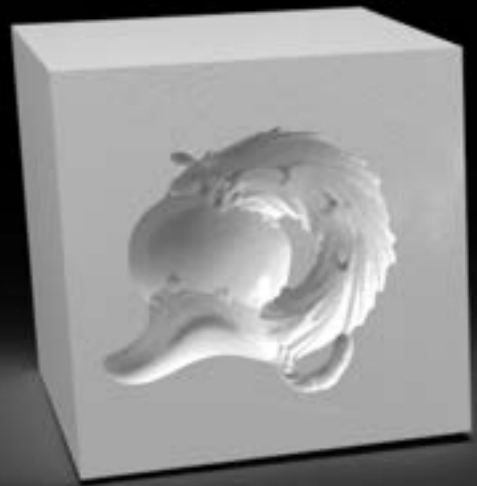
The Ascension with Christ giving the Keys to  
St Peter  
1428-1430  
Donatello  
V&A

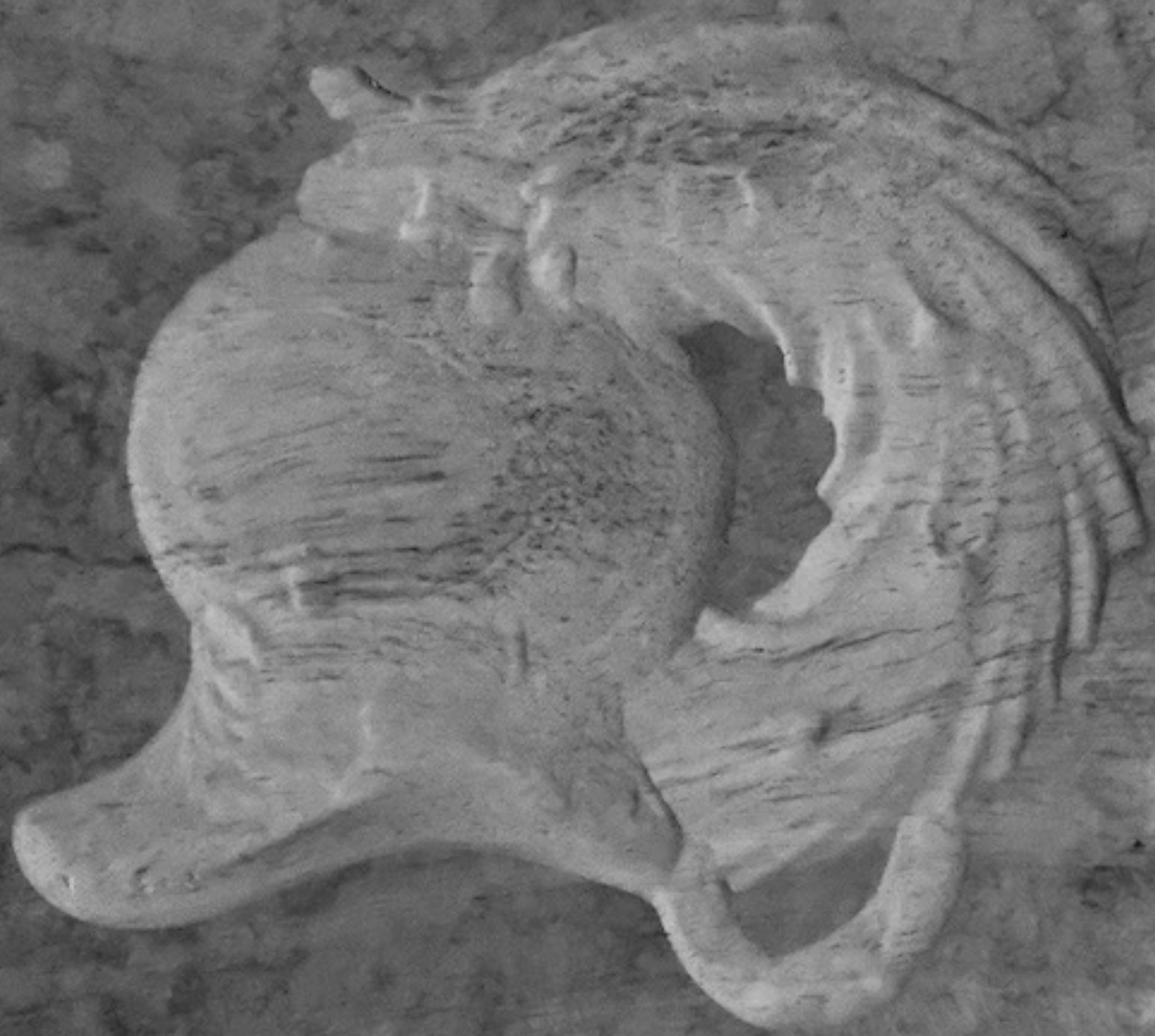


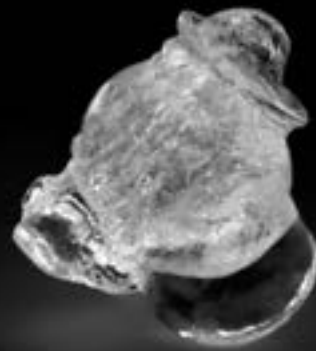


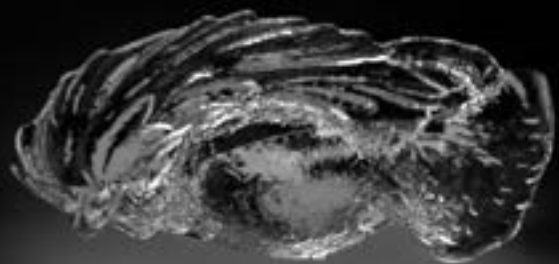
1 ~~1~~











*drinks glass frosted prototype*















composition of objects  
2023  
Scale of fork







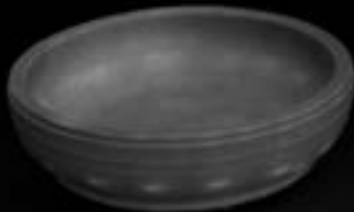


Collage created by my AI-Self Portrait  
2022  
Digital Collage

O  
B  
G  
E  
T







wooden objects scans  
2023  
found at rickmansworth car boot



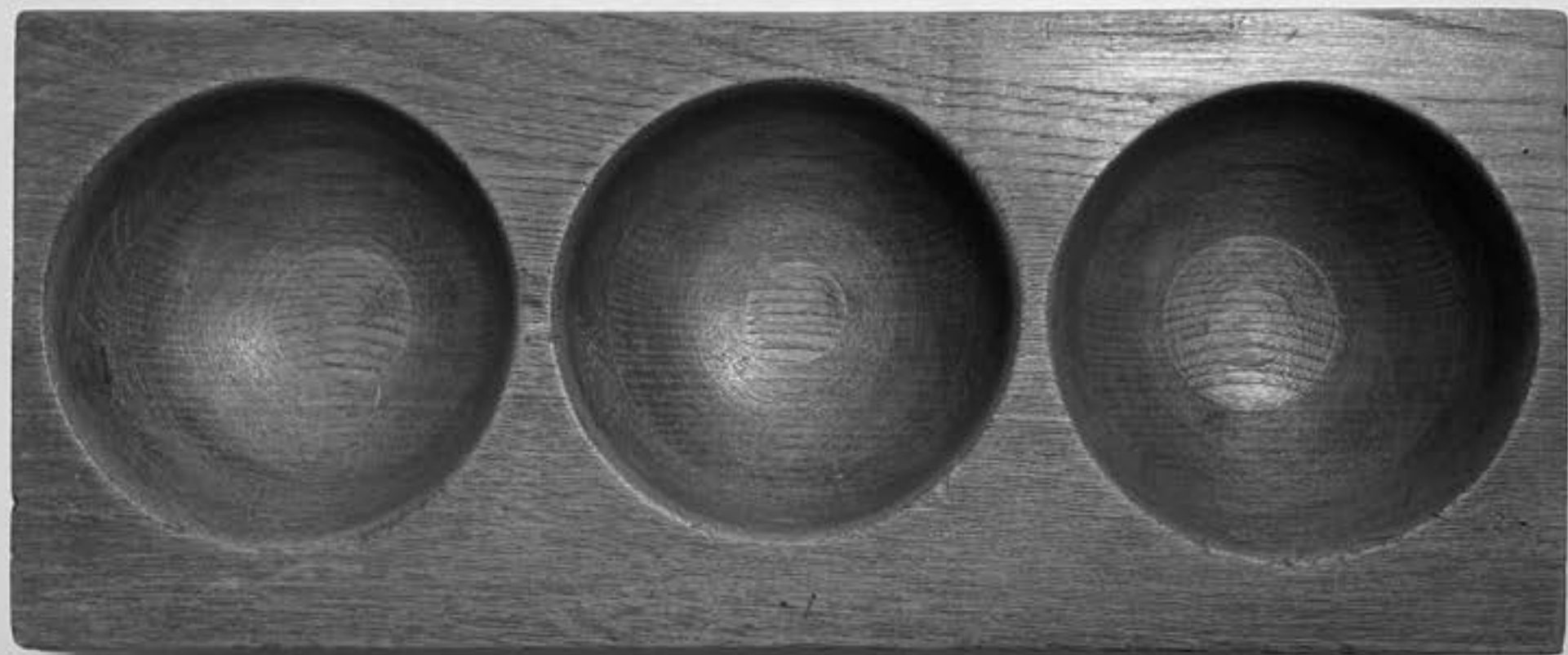
wooden objects scans  
2023  
found at rickmansworth car boot

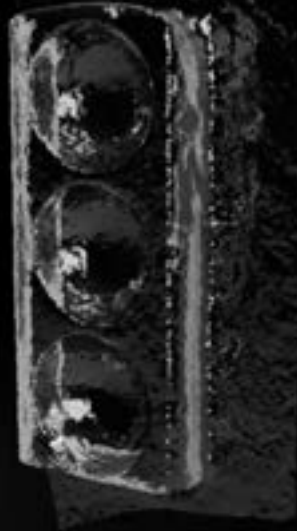
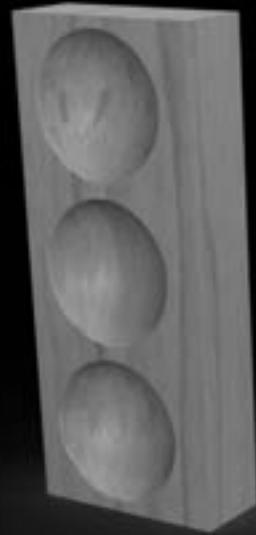


vase design



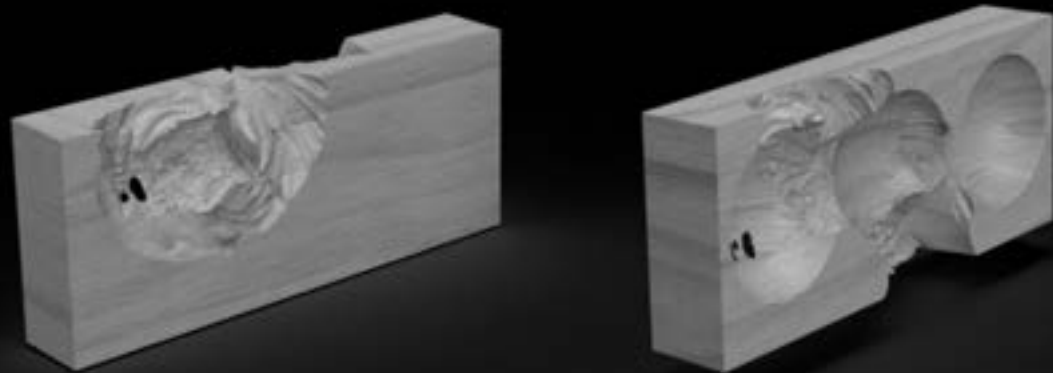




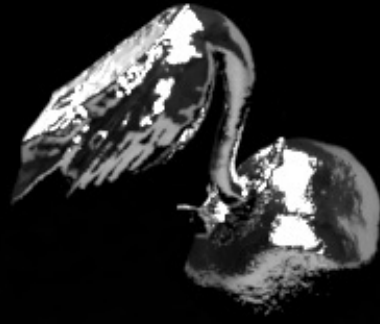


coin tray  
modeled from measurements  
primitive scan

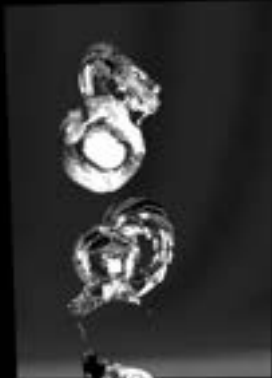




coin tray designs- relief models



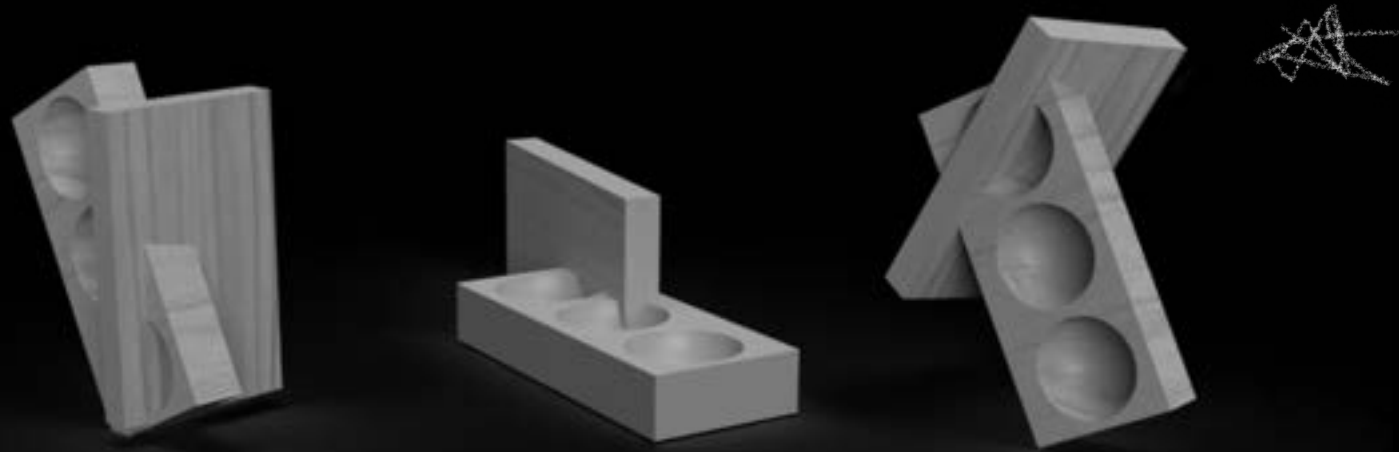
coin tray designs-swan in pomegranate hat

















wooden box  
2023  
found at rickmansworth car boot

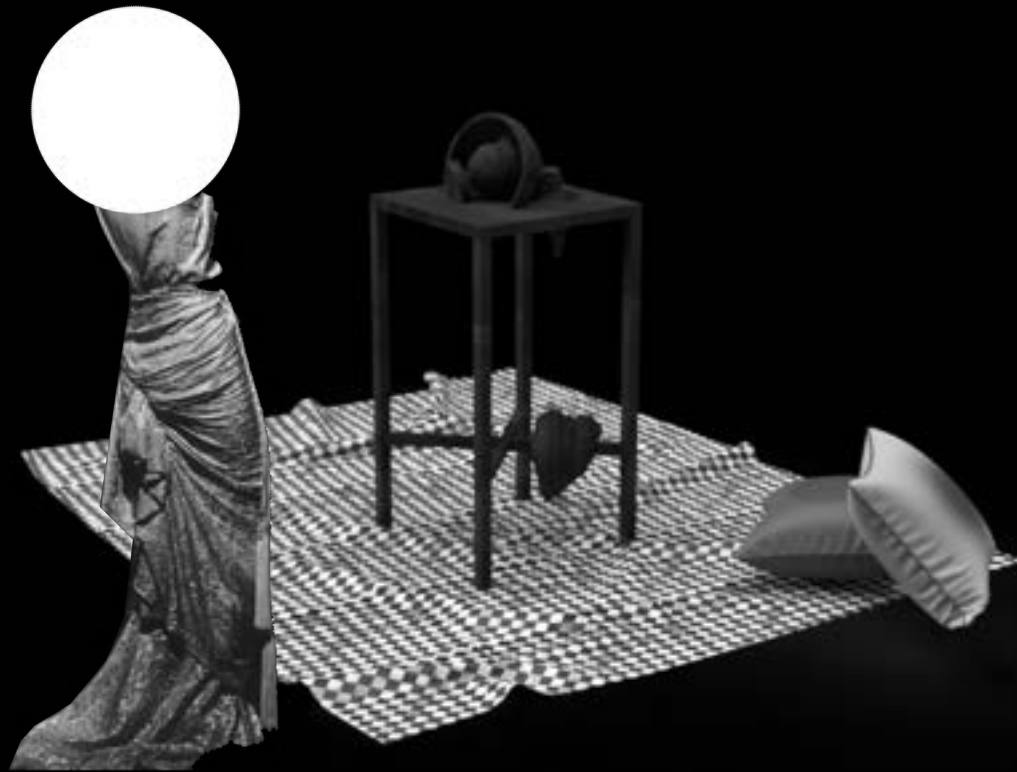




Orange, Jug, Meringue, Virgin Mary  
2022  
25cm x 25cm x 23cm  
Resin

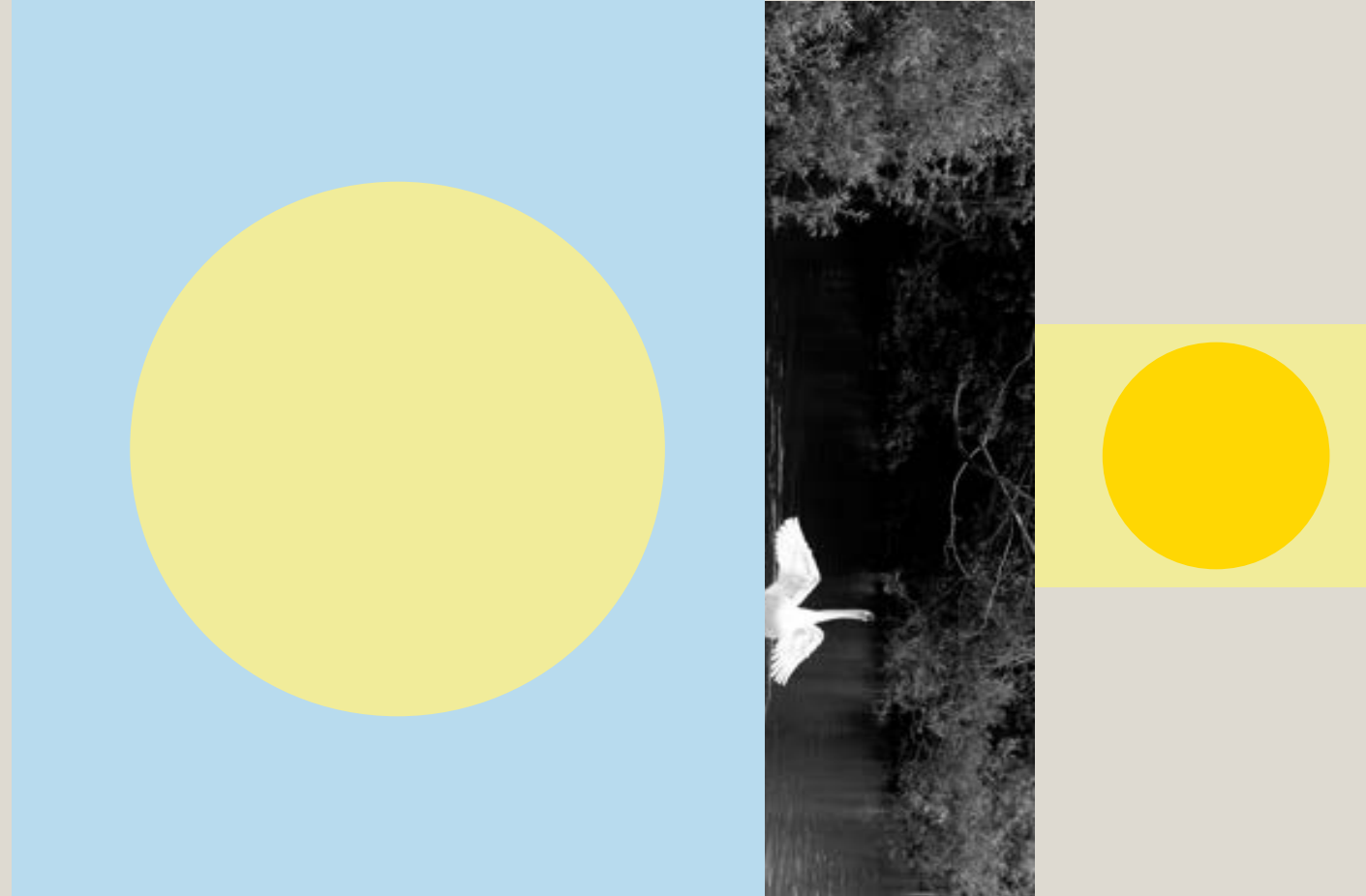


PERENNORAK



show piece still in production

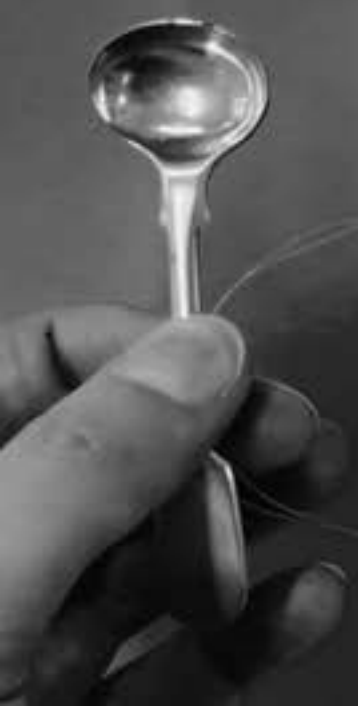
\* swans, capturing a moment





MIRROR/MIRROR -The way Rita works is almost reminiscent to a type of game, every time you set the AI going you roll the dice. This game replicates how in the real-world serendipity plays a role in the things we come across that give us inspiration. This has initiated my interest in physical games and how Rita would work in a real-world game.







I wanted to experiment with how I could play with the ritualistic movements performed at a dining table, so I set up a dinner table with my transformable objects on to explore this idea. This set up was for a presentation of work with the creative director of MAX MARA and I trialed the idea of structuring the presentation like a dinner party



MAX  
STARTER  
TRAZA—LOVE—CHANGES  
MAIN  
EXPERIMENTATION  
DESSERT  
TRANSFORMATIONAL OBJECT







1.



2.





