

DESIGNER

ARTIST

ENTREPRENEUR

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Road, Jiading District,Shanghai,201800,China

PROFESSIONAL EXPERIENCE

OPHYTA fashion startup | CEO
11/2020-now

Owitho Network Technology (Shanghai)co.,LTD
Assistant Designer I 07/2019-10/2019
Participated in the project of the mini program in
WeChat at product design department
Helped senior designer to finish user analysis,product flow chart and prototype drawings etc.

**International Workshop on Landscape Design of
Historic Buildings at Polytechnic University of Milan**
Intern I 19/01/2018-01/02/2019
Examined more than 40 classic Italian projects
Explored the ways and ideas of the transformation of historical space
Learned the academic theories of Europe.
Renovated the old railway station and got 4 ECTS Euro-
pean credits

S.PHASE LANDSCAPE DESIGN COMPANY
Intern I 10/2018-01/2019

Responsible for conceptual design of project plan. drawing of project,making of project report results
Worked as an assistant designer in three projects:
Landscape Design of the core area of Tangshan
Nanhu Central Business District
Qingdao Huarun Huangdao Smart Town Landscape
Design
Landscape Design of Haikou Z02-03 plot

Assembledge+
Intern I 03/2017-05/2017

Responsible for drawing and report the results
Worked as an assistant designer in the project of Urban
Design of Binhu District in the south of Songshan Lake,
Dongguan.

EDUCATION

Tongji University 09/2013-07/2019
Bachelor of Engineering, Urban Planning
GPA:4.56/5.00

University of California,Berkeley 01/2021-05/2022
Master of design,in the field of Engineering and Design Innovation

EXTRACURRICULAR ACTIVITIES

Exhibitioner of Emerging SCI-TECT Artist Awards. Raiden INST. 08/2021-10/2021
Head of the Construction of the Beautiful Village in Chongming Island. Shanghai. 07/2019-10/2019
Co-Editor of The national standard of Residential Robots. MOHURD. 06/2019-08/2019
Head of Flanning Department of the Public Relations Planning Group. Tongji University. 9/2015-07/2016
Magazinist of Dewen library.Tongj Uriversity. 08/2017-06/2018
Team member of Venture Valley.Tongji University.09/2017-01/2018

SKILLS

Computer Competence
Adept at PS,ID,AI,CAD,Sketch up,Sketch,ArcGIS,Final Cut Pro,C4D,unity

Language
Chinese, English

AWARDS AND HONORS

First Award of Emerging SCI-TECT Artist. Raiden INST. 08/2021-10/2021
Excellent Graduate of Shanghai City General Higher Education School Certificate.05/2019
Excellent Groduation Design(Thesis)of Tongj University.07/2019
First prize of Urban Design Coursework of Urban and Rural Planning subject of National Higher Education
School in 2018
Winning Prize of national rural planning scheme competition for college students in 2017, China
Second Prize of national urban and rural transportation innovation practice in 2017, China
Third Prize of national comprehensive practice of urban and rural society in 2017, China
First Prize of Tongii Scholarship of Excellence in the 2014-2015 academic year.12/2015
First Prize of Tongii Scholarship of Excellent(htertek) Scholorship of Tongi University in the 2015-2016
academic year.12/2016

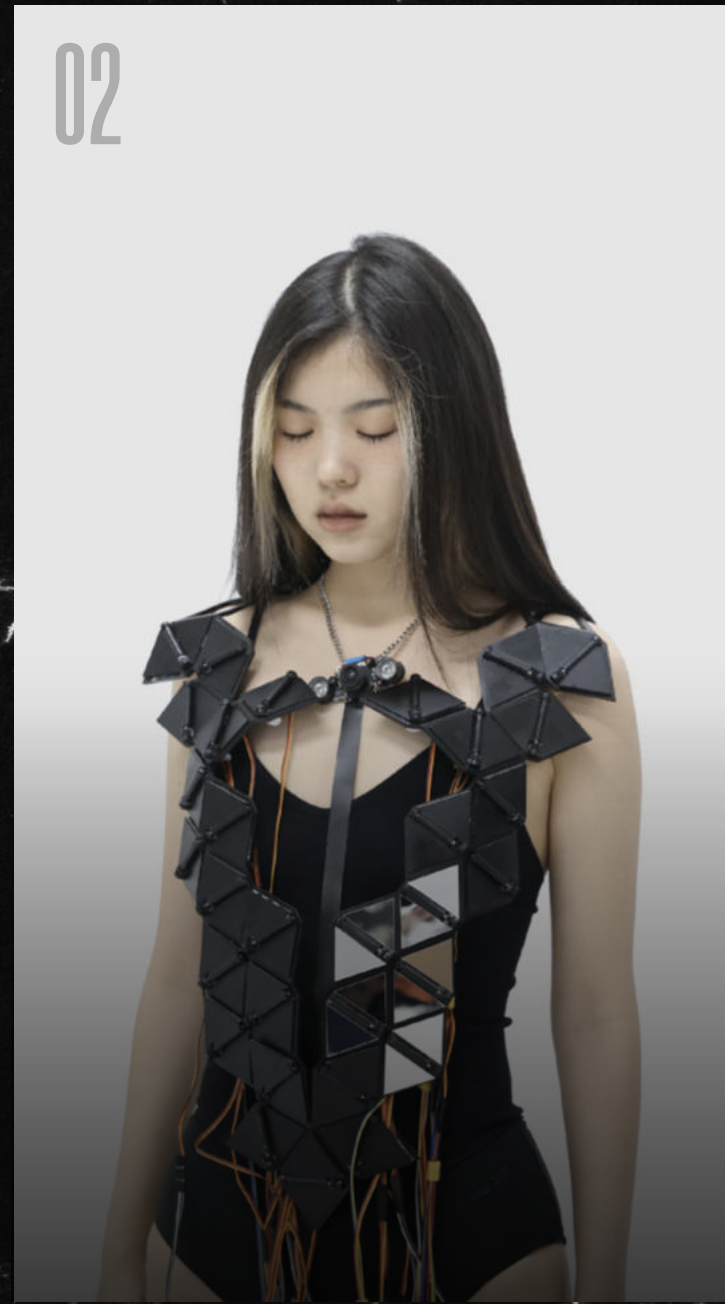
CONTENTS

01



OPHYTA

02



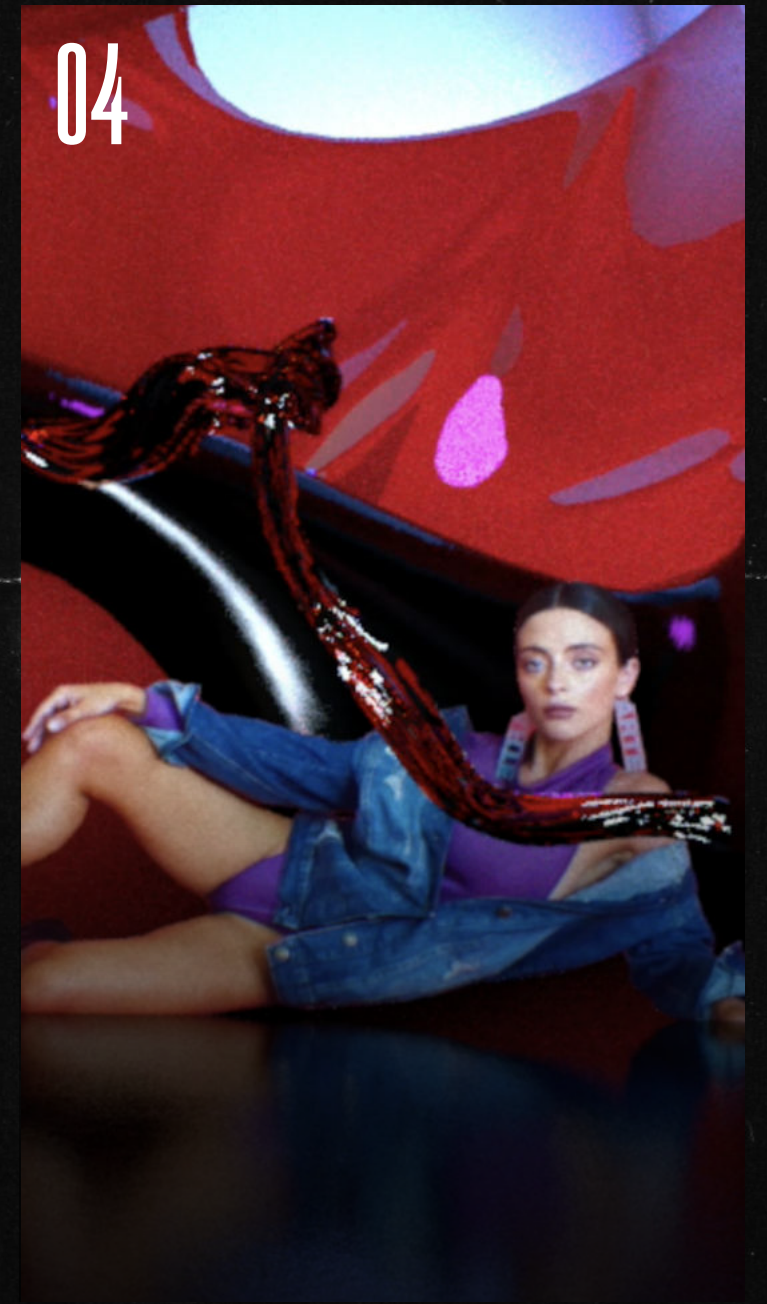
GAZE THROUGH
SECOND SEX

03



VITALS

04



DIGITAL
EXPOSURE



3D design that rebuilds 2D logos into 3D elements, which gives deeper meaning to the brand and logo.

01 OPHYTA CG

Duration: 08/2021

Individual Project

Cinema 4d / Octane Render / Photoshop / Final Cut Pro / Adobe Illustrator

Design @Large

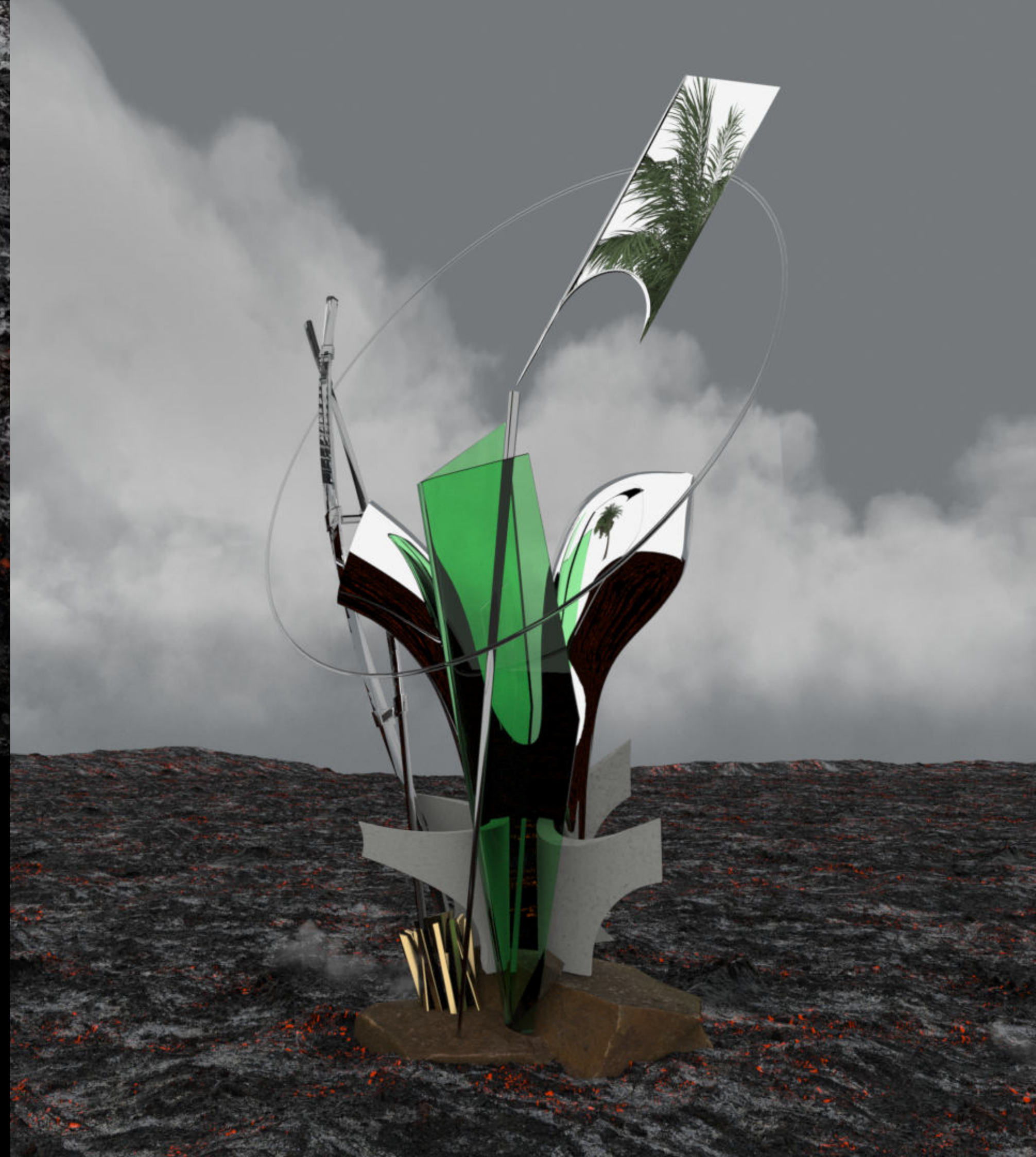
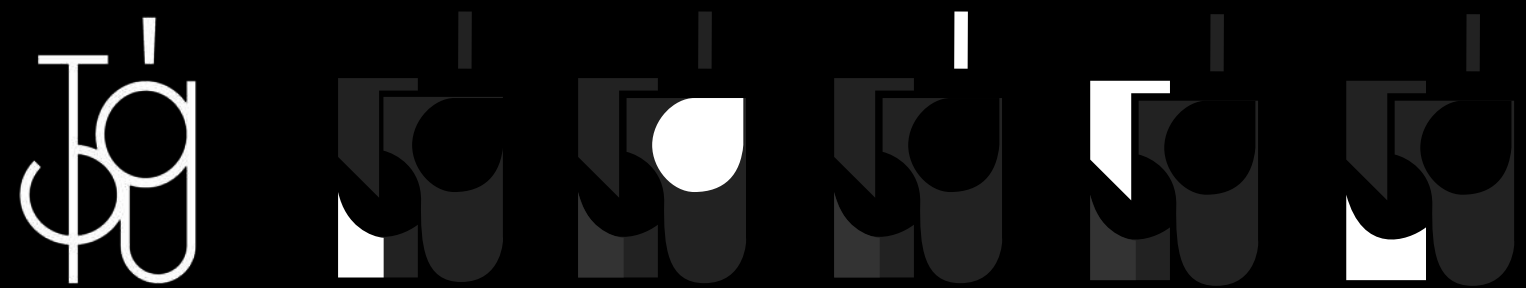


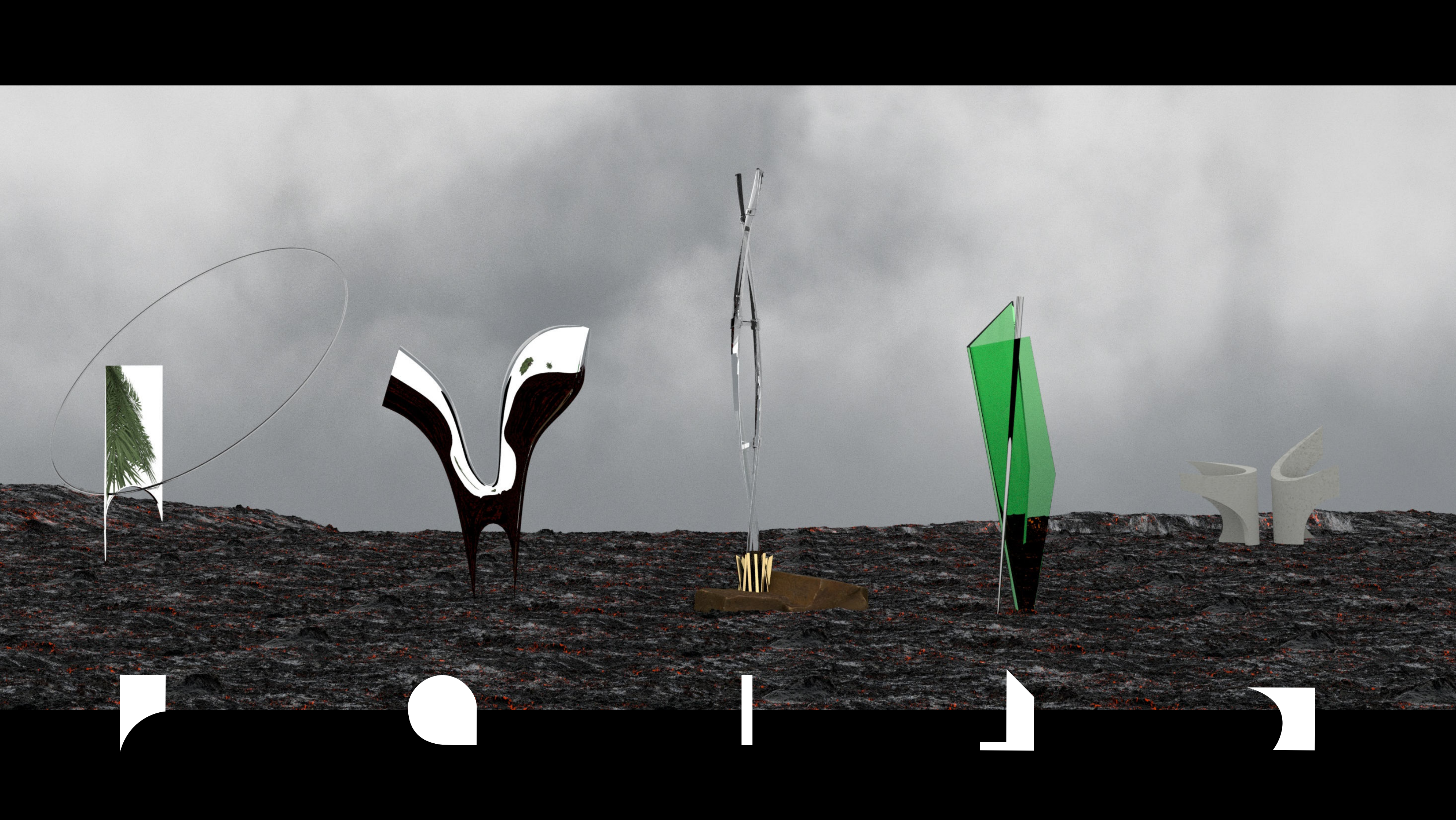
MOTIVATION

Ophyta, the suffix of the biological plant phylum, stands for everything to do with plants and corresponds to the fashion brand's natural sense of belonging.

In the process of deconstructing the logo on a plane, I integrated cubism and constructivism elements, transforming dots and lines into blocks.

Inspired by the futuristic architecture and structures of the Soviet Union, each block is abstracted into a sculpture that coincides with ophyta's spirit of serious, cerebral and flamboyant construction.





GAZE THROUGH THE SECOND SEX

Gaze Through The Second Sex is a corset consisting 31 responsive components that flip to reflect the gaze of the audience.

02 ART INSTALLATION

Duration: 02/2021- 05/2021

My Work: Mechanical Engineering, Unit 3D modeling, Documentation, Video

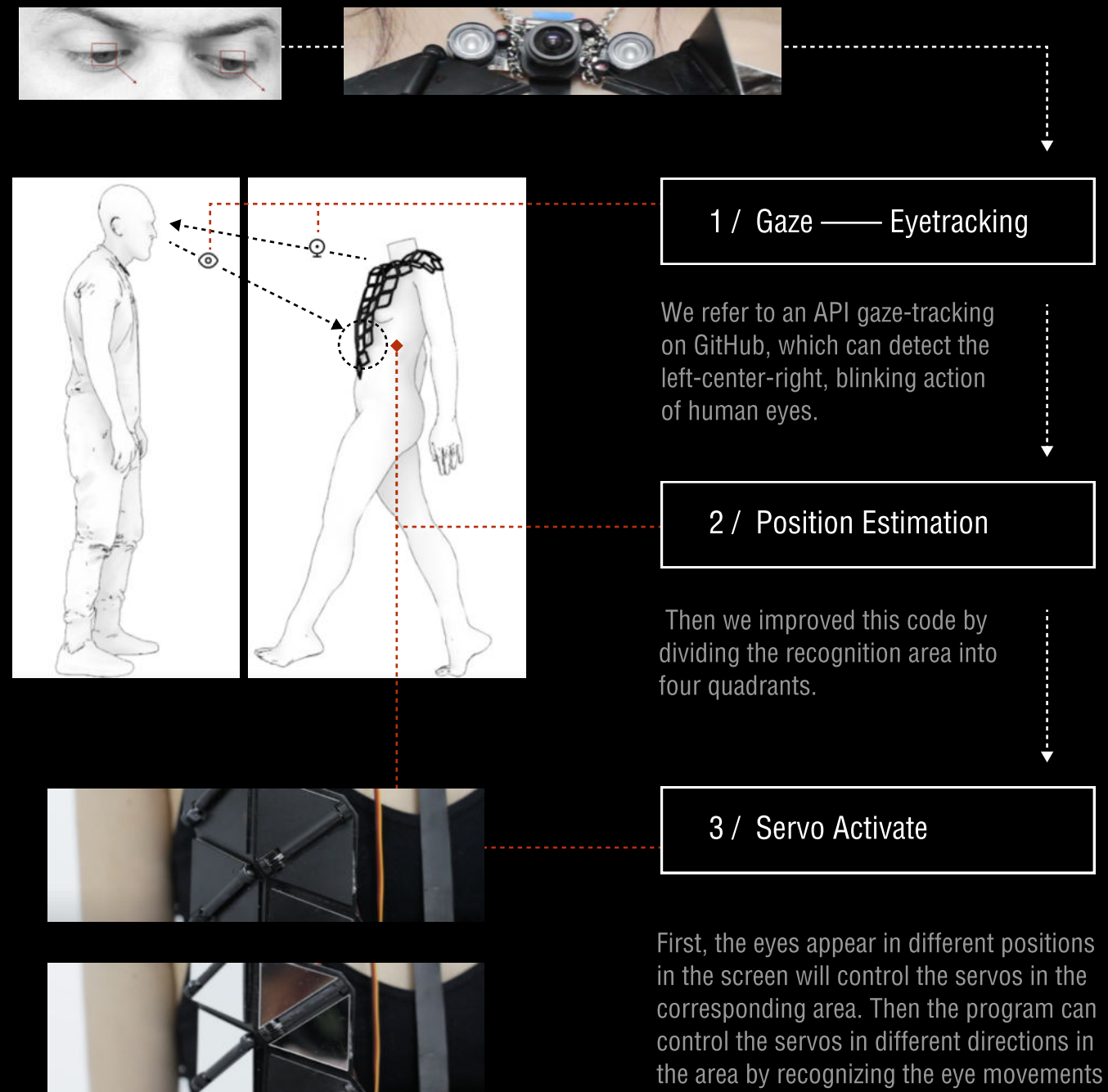
Team: Yiyi Wu / Jiaxuan Ren / Xingtai Huang / Yu Cheng

Course: Technology Design Foundations

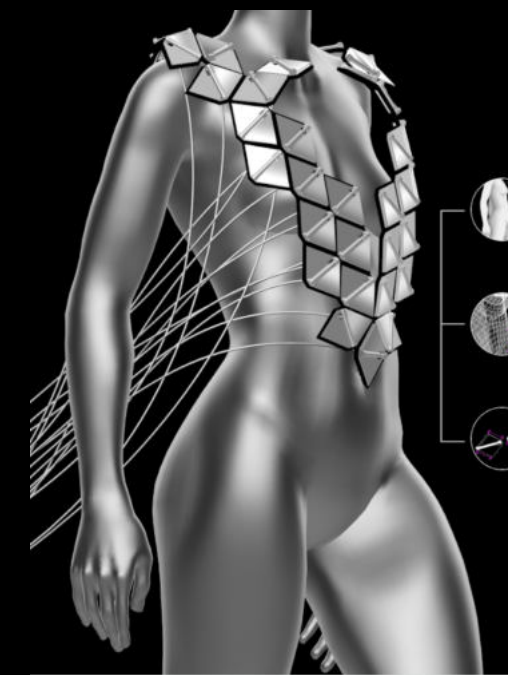
First Award of Emerging SCI-TECT Artist. Raiden INST.



System Architecture



Corset Frame



The second part of the prototyping process is the frame structure. The evolution of the prototype went thru 4 stages. The preliminary prototypes took forms in decorative garments, but were later modified according to the feedback from potential users to be more wearable. The final frame prototype reduces the pressure on the waist, and covering more body parts.

The device shape takes into account the coordination between the human body size and the component size of the unit body, takes the diamond as the module for the incomplete dense paving of the three-dimensional space, and optimizes the shape and comfort under the condition of ensuring that there is a sufficient safe distance between the hardware and the human body.

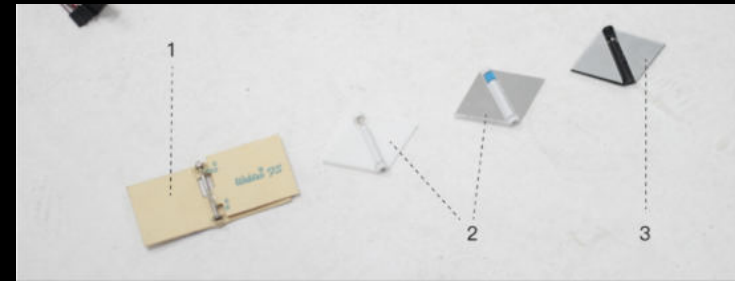


PROCESS

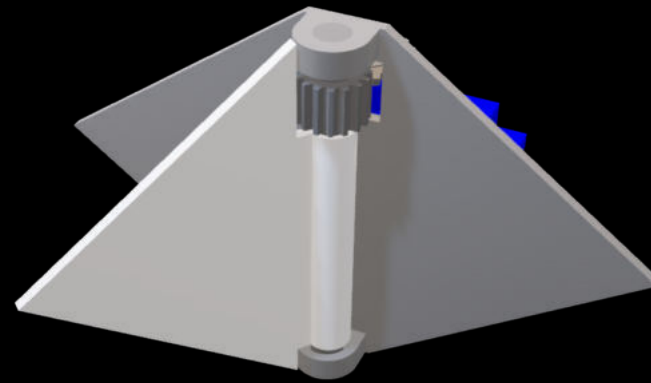
Unit Design

Iteration

The first mechanical test was performed on Japanese paper to ensure that the servo is capable of flipping 180 degree.

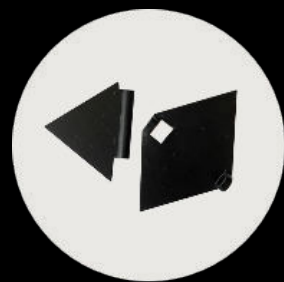


Then we entered the 3D printing test stage. We used the J1T600 Printer with 0.1mm tolerance. We modified the mockup three times, and finally managed to connect the two resin pieces to the bearings.

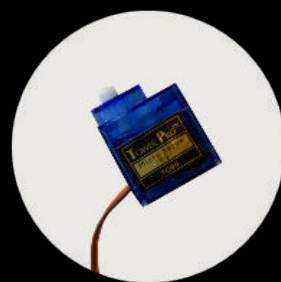


Final Model

3D Printed Components



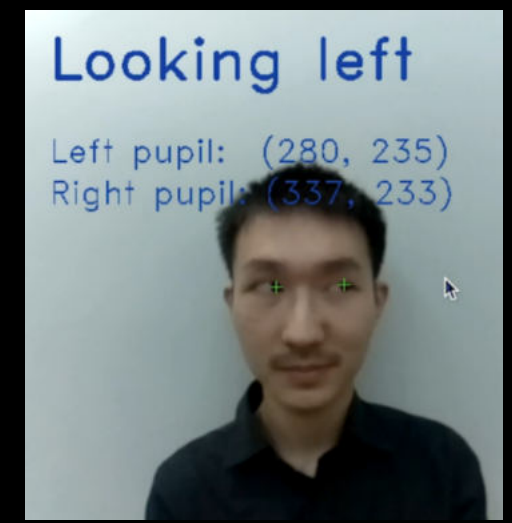
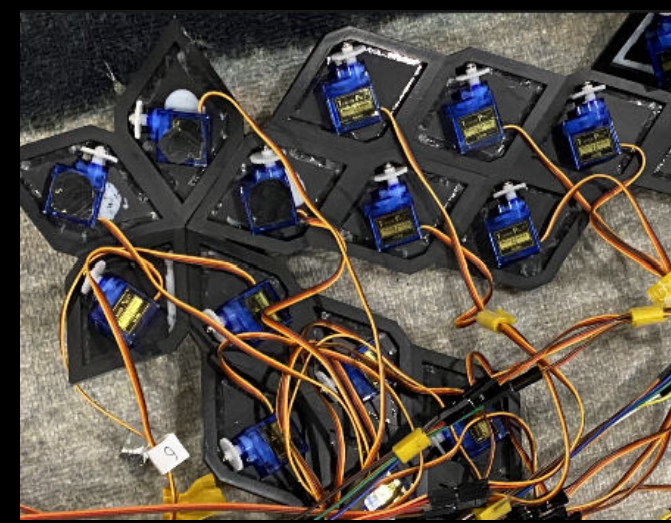
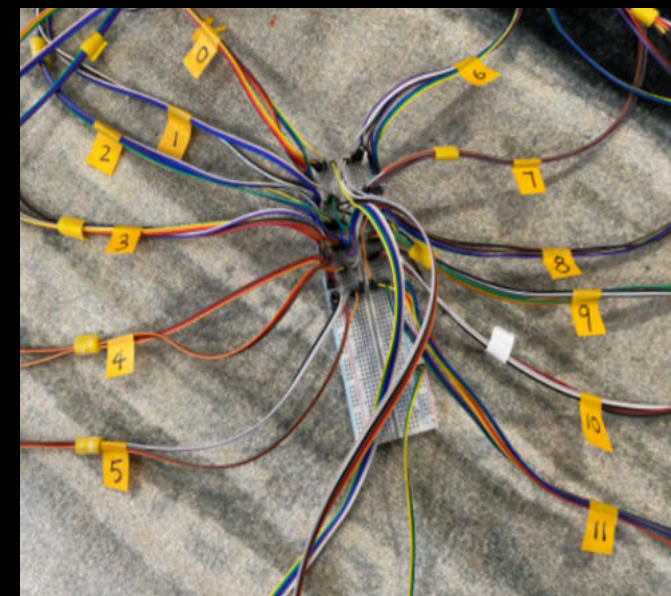
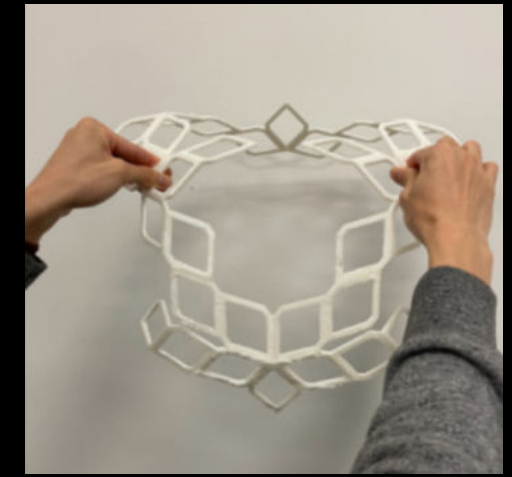
Micro Servo SG90



Bearing & Gearing

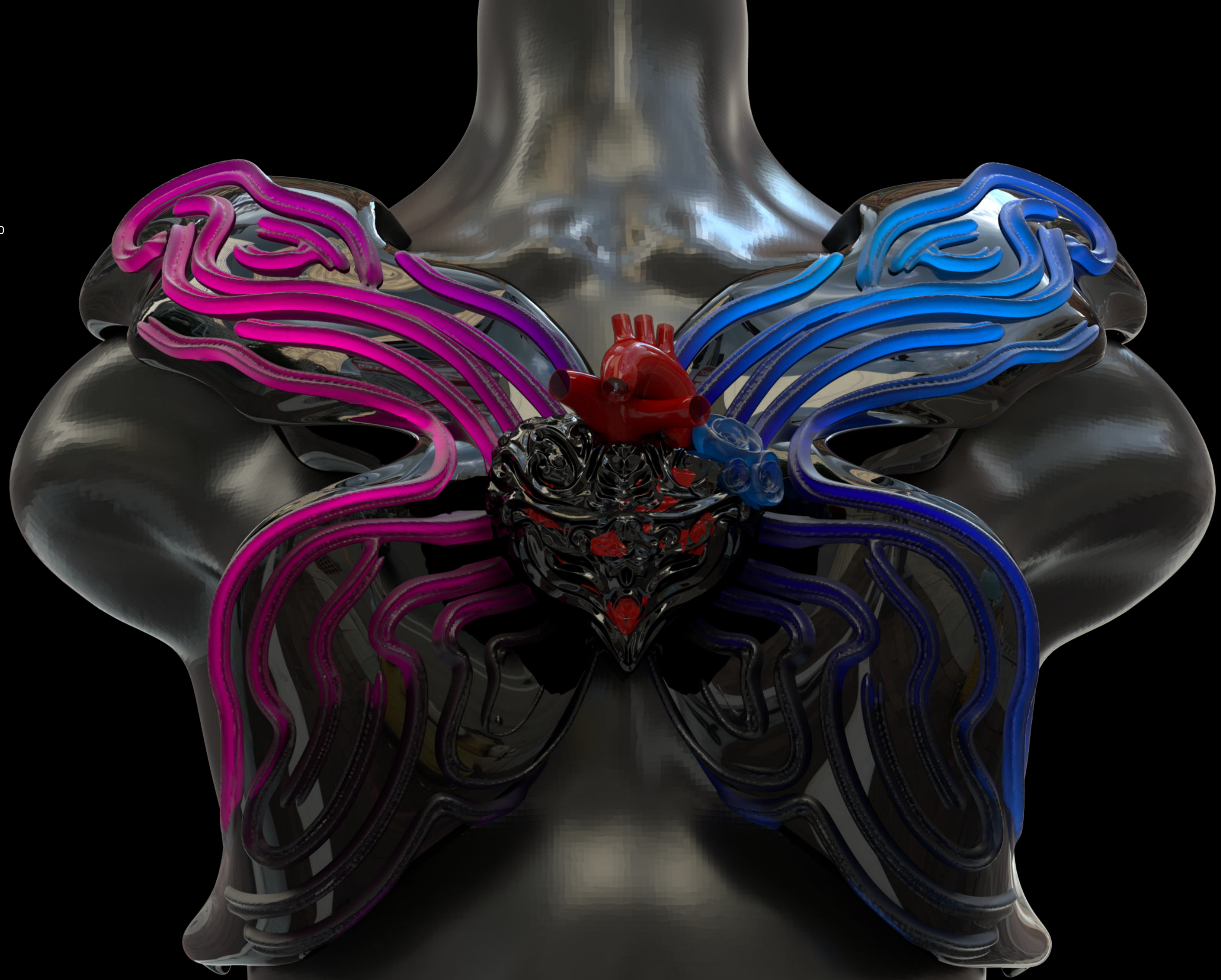


Decorative Triangle Mirror



VITALS

A wearable corset that changes color and grows "tumors" in response to people's positive and negative sentiments when they speak to you.



03 WEARABLE DESIGN

Duration: 10/2021 - 12/2021

My Work: 3D Modeling, Crafts, Documentation, Video

Team: Yiyang Wu / Peipei Lin / Abhi / Adam

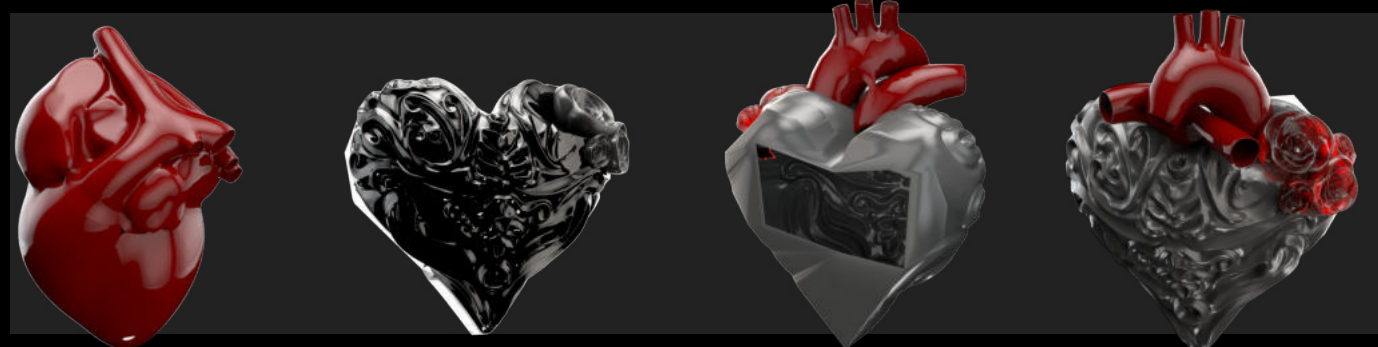
Course: Designing Emerging Technologies

FINAL DESIGN



The Wings

The wings were sculpted using Pixologic ZBrush, a digital sculpting tool that combines 3D/2.5D modeling, texturing and painting. The process began by shaping a section of the human body into wings and then stretching them over a mannequin to wrap around the upper torso. Next, contour lines were created on each wing that symmetrically appeared on the opposite wing.



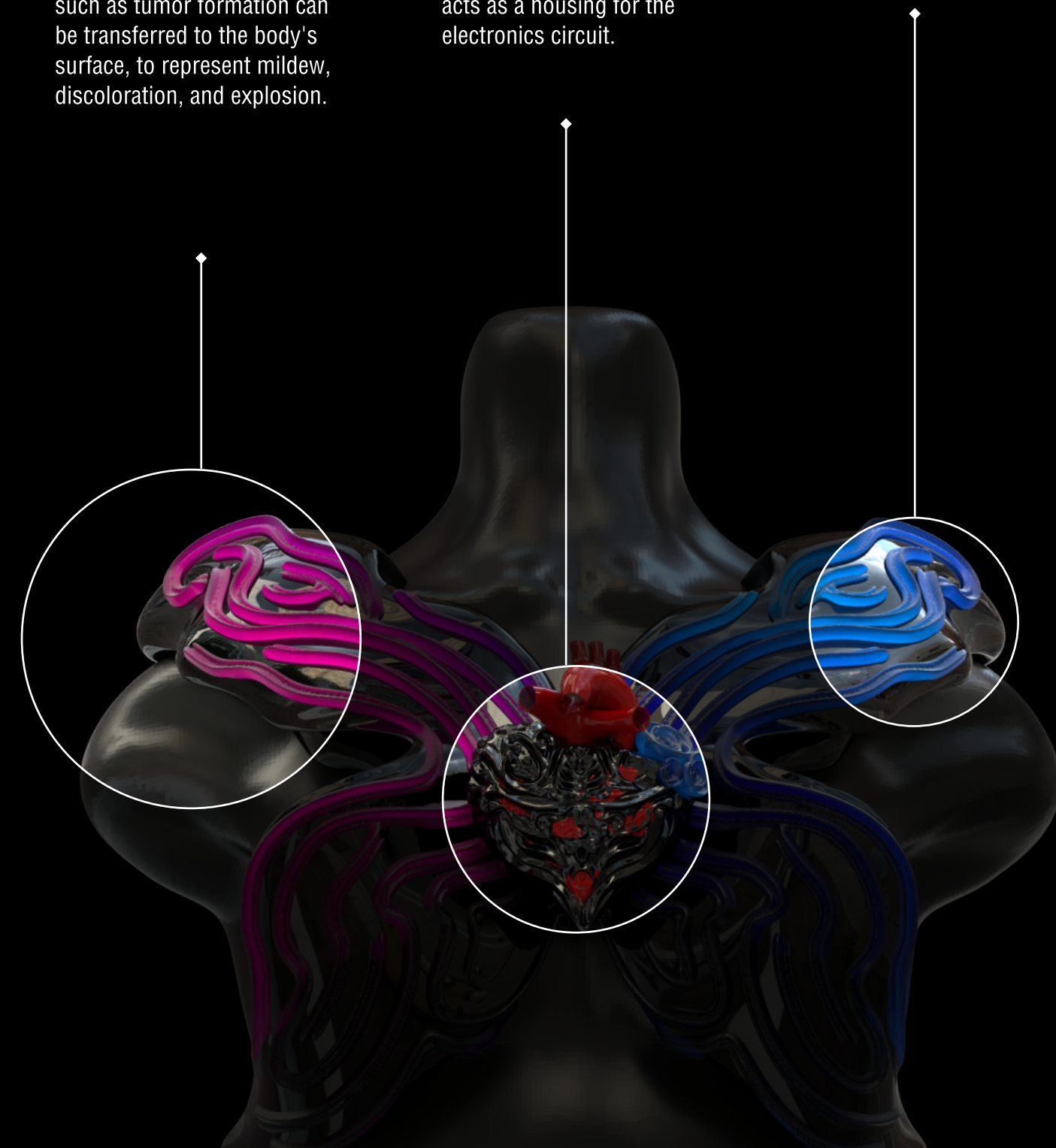
The Heart

Beginning with an anatomical heart and a love heart, we combined the most prominent arteries and veins into a simple heart shape before carving out a housing for the electronics. Finally, we added some details and patterns to the front of the heart.

The entire wearable structure design starts from the heart. Through the study of the characteristics of some biological materials, it is hoped that the pathological process of internal tissues such as tumor formation can be transferred to the body's surface, to represent mildew, discoloration, and explosion.

A hybrid between a love heart and a human heart, the surface of the heart is engraved with organic lines to position the arteries and veins. At the same time, the heart also acts as a housing for the electronics circuit.

The contours on the surface of the wings form a more organic visual effect and enclose the heating element in the curves seamlessly.



DIGITAL EXPOSURE

Explore a new kind of fashion photography through Digital Synthesis.

Digital Exposure™

- Shoot your attitude -

FITTING ROOM



04 AR EXPERIENCE

Duration: 02/2022 - 05/2022

Individual Project

Unity / C4d / Octain Render / Webflow / Photoshop / Final Cut Pro / Adobe Illustrator

Course: Mdes Studio

MOTIVATION



1858 *House of Worth*

Charles Frederick Worth established the world's first fashion house, and was the first designer to organize a live show letting models walk within his products.



1911 *father of fashion photography*

Edward Steichen shot the world's first fashion lookbook. When shooting for *Vogue* and *Vanity Fair* in the 20s and 30s, he devised a mode of portraiture that still sets the template for style magazines today.

2022 Balenciaga Clones Spring 22 Collection

We see our world through a filter - perfected, polished, conformed, photoshopped, we no longer decipher. Between unedited and altered, genuine and counterfeit, tangible and conceptual, fact and fiction, fake and deepfake.

Technology creates alternate realities and identities, a world of digital clones.



DEMO

- How to explore Fashion Identity in this Digital World?
- Fashion Photography with 3D technology



- **Expensive to scan**

To scan a model into a 3D model and put it into a digital scene, professional 3D scanning equipment is required.

- **Tedious to generate**

This process requires a lot of manpower and a professional team to produce high-quality images.

- **Unavailable to the Public**

This method is currently only used in magazines, luxury brands, for a very small number of people such as celebrities.

- **3D model — 2D texture**

Cancel 3D scanning and turn to 2D image processing. 2D image processing technology is mature and open source API is used.

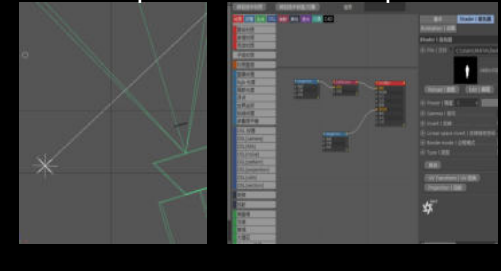
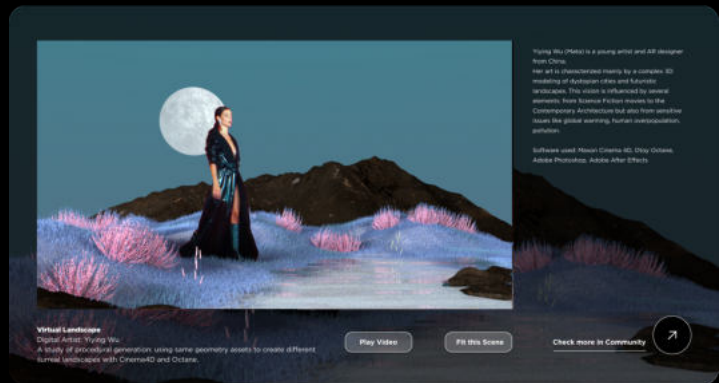
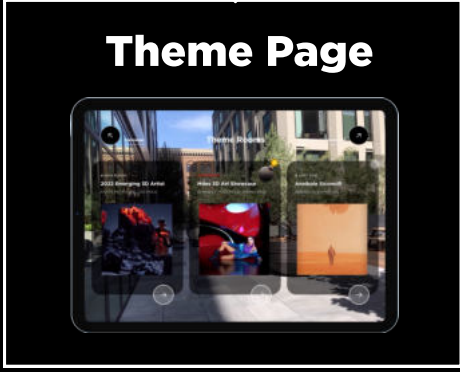
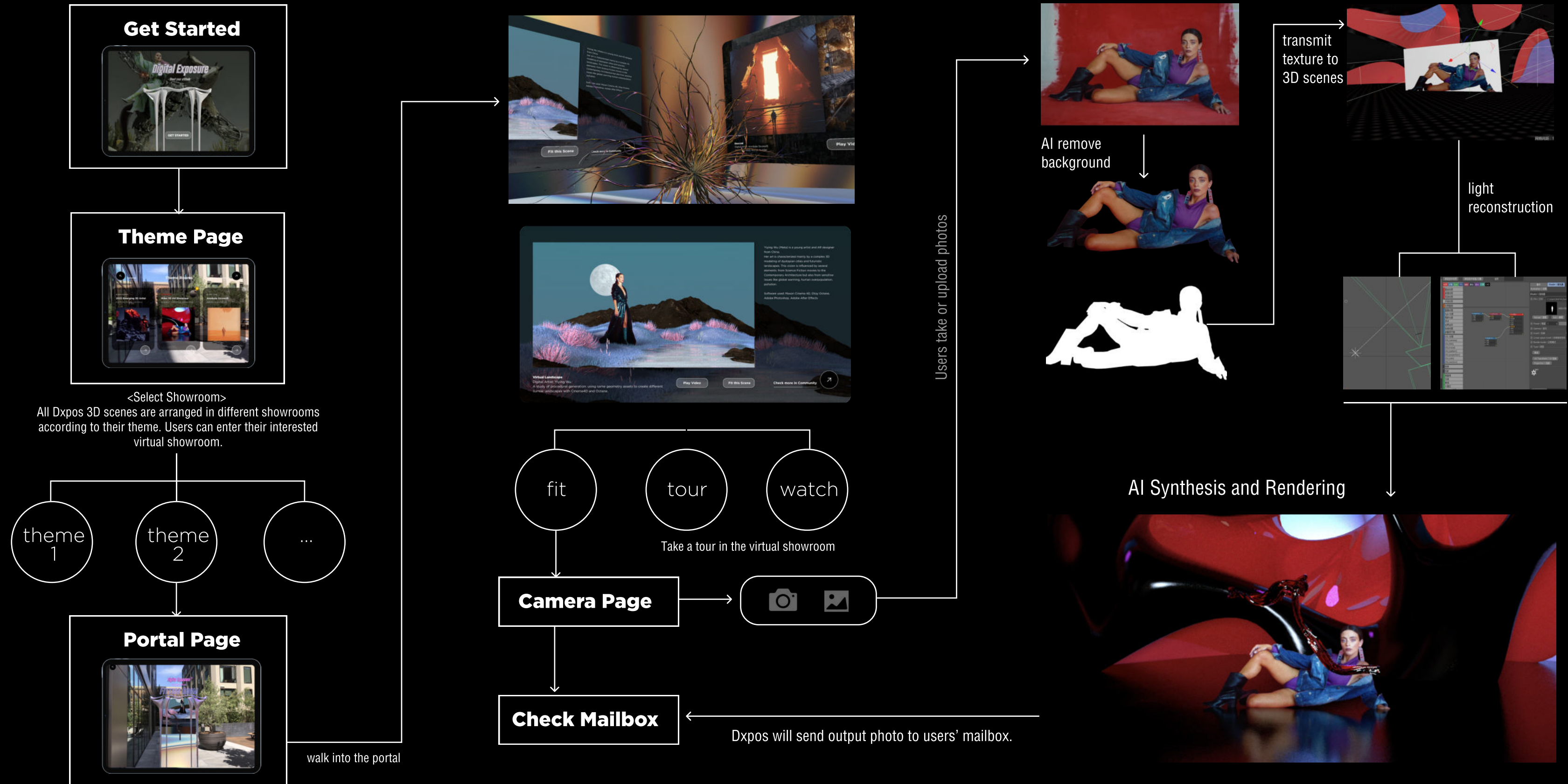
- **AI Synthesis**

By adding script plug-in to 3D modeling software, the whole technical process can be automated.

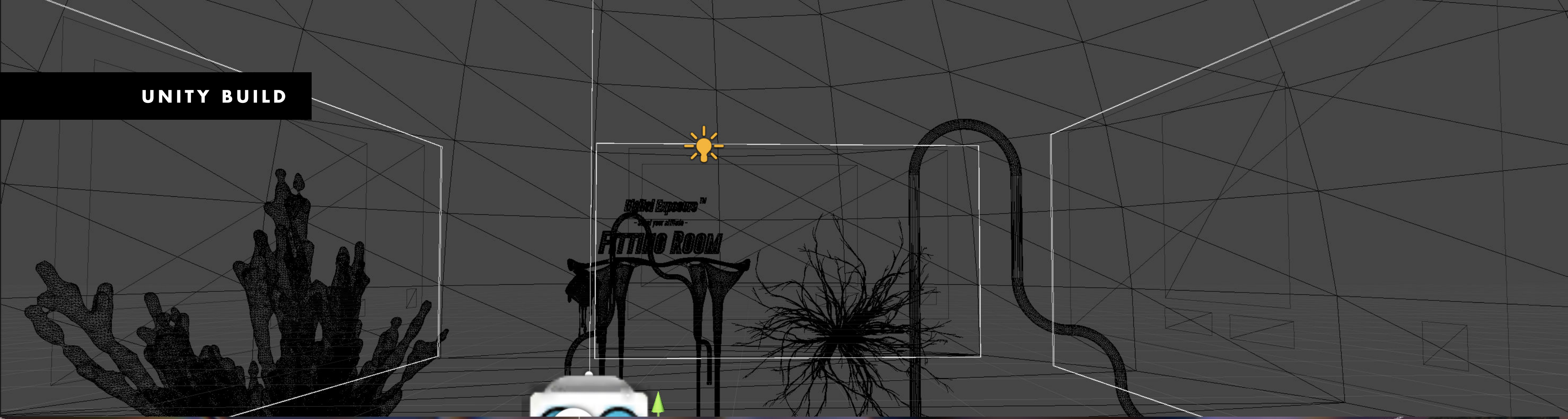
- **An application for everyone**

Build a user platform or APP, and turn this technology into a product for public use.

METHODS



UNITY BUILD



Aniello Siconolfi, aka Inward, is a young artist and architect from Italy. His art is characterized mainly by a complex 3D modeling of dystopian cities and futuristic landscapes. This vision is influenced by several elements: from Science Fiction movies to the Contemporary Architecture but also from sensitive issues like global warming, human overpopulation, pollution.

Software used: Maxon Cinema 4D, Otay Octane, Adobe Photoshop, Adobe After Effects



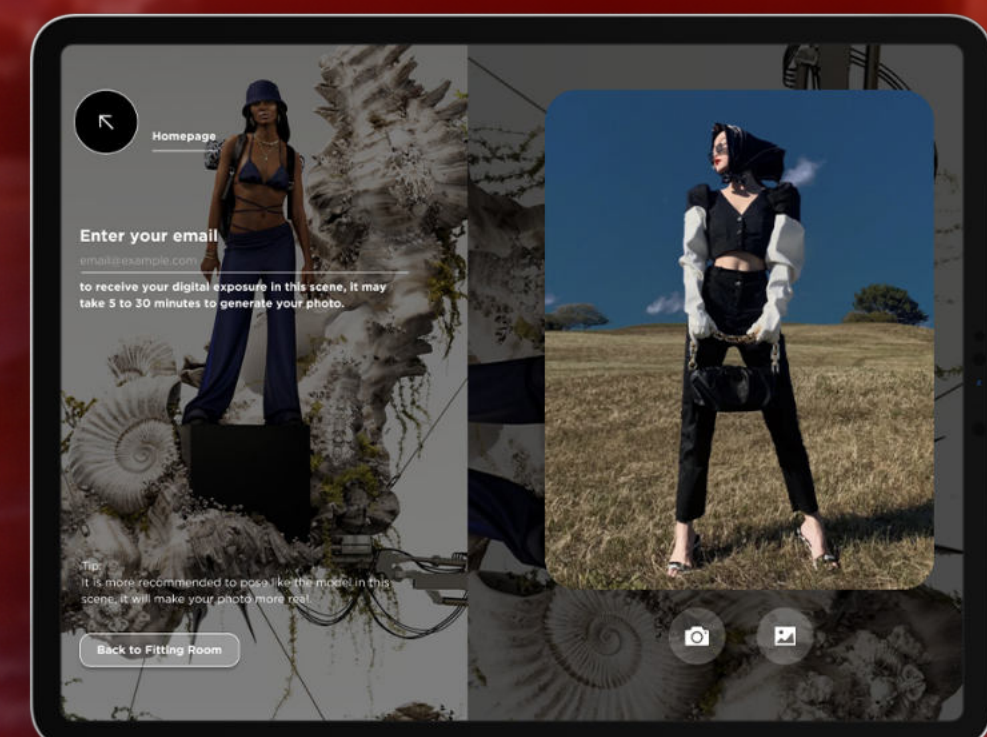
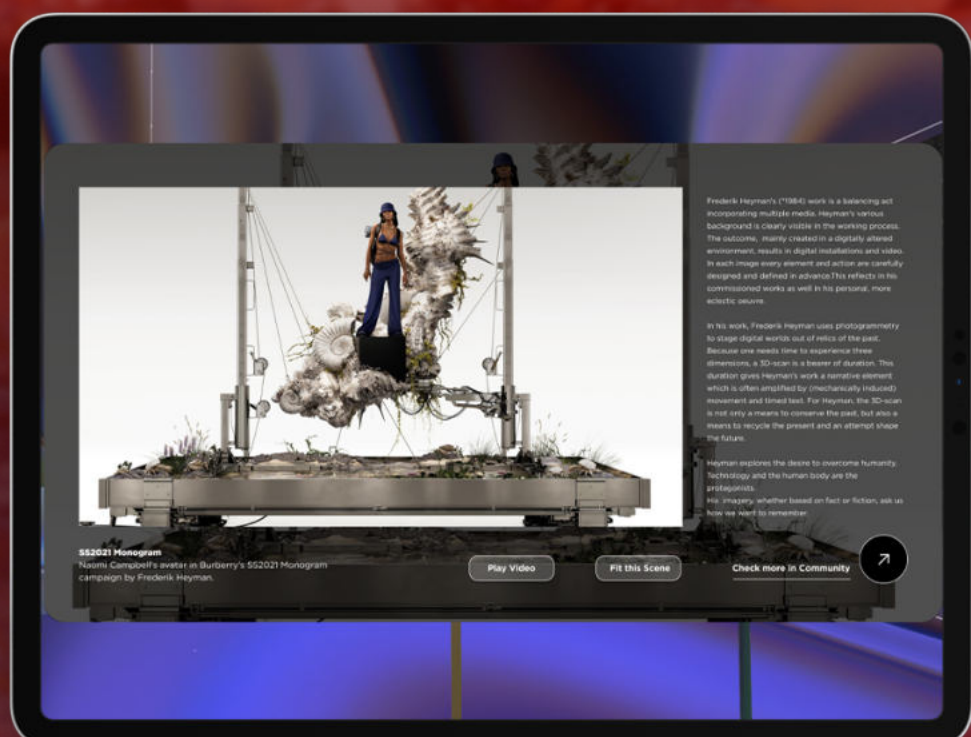
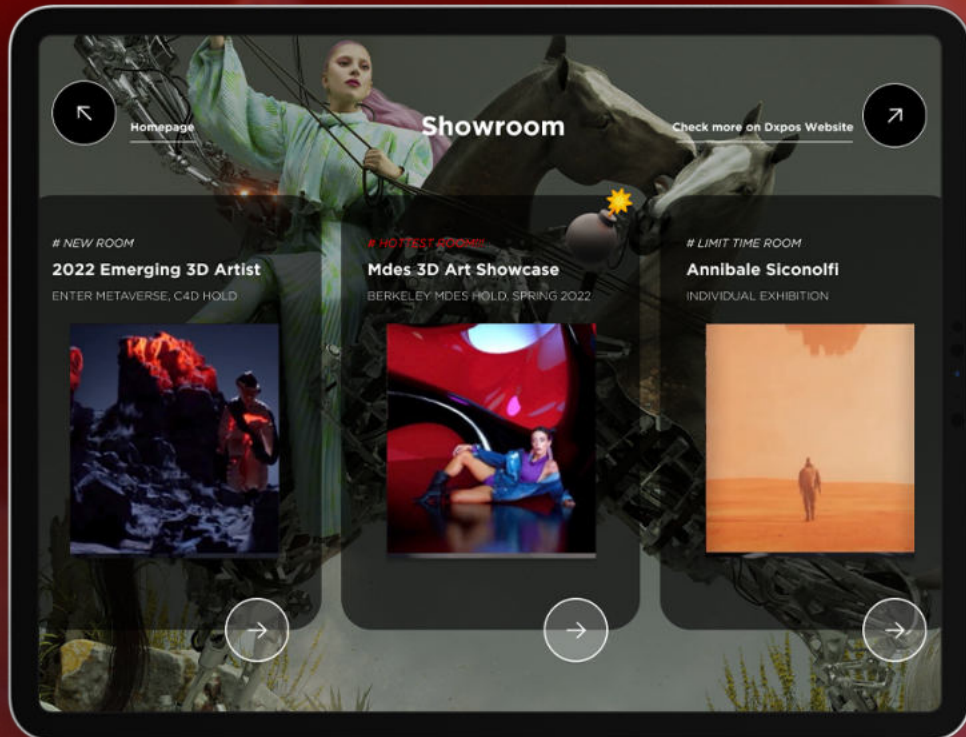
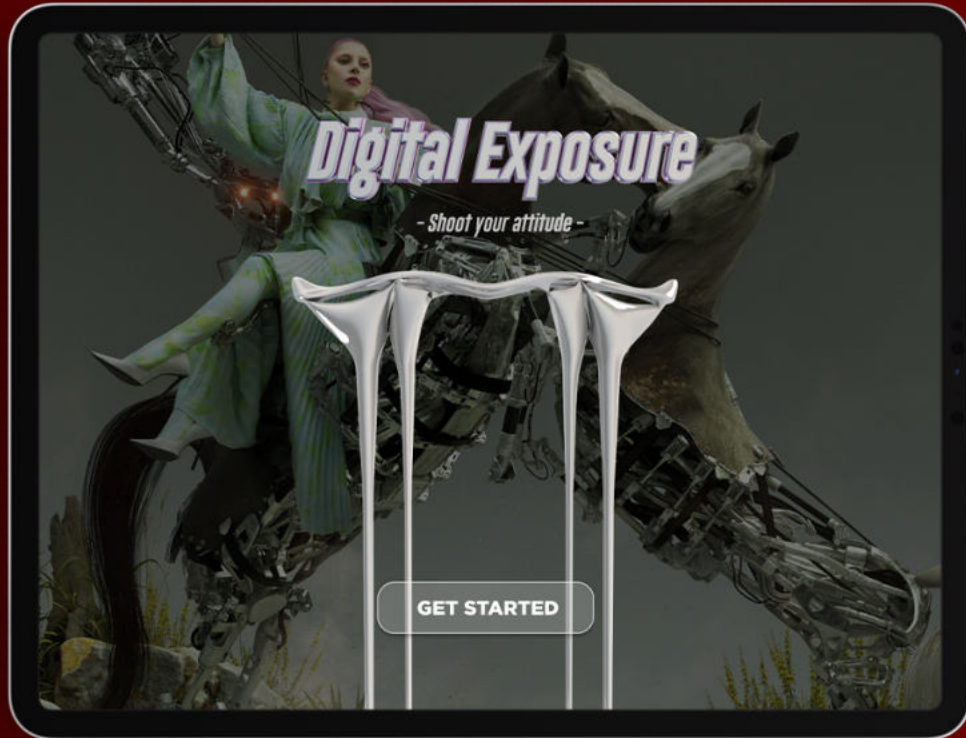
Play Video

Fit this Scene

Check more in Community



FINAL DESIGN



FINAL DESIGN

