

INDUSTRIAL DESIGN

PORTFOLIO

XINHAO ZHOU



My name is Xinhao Zhou, come from China, Currently, I am in my third year of attending California College of the Arts. My expertise lies in identifying inconveniences in daily life and devising effective solutions for them. Additionally, I possess a keen interest in exploring innovative product designs.

XINHAO ZHOU

CONTACT

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LANGUAGE

English
Chinese

EDUCATION

BFA
2020-2025

INDUSTRIAL DESIGN
California College of the Arts

WORK EXPERIENCE

2021-2022

AMAZON MERCHANT
- Manage international logistics
- Product Improvement
- Package Design

2023-PRESENT

CCA TOOL CENTER MONITOR
- Inventory Management
- Resource Rental
- Customer Service

SKILLS

SOLIDWORKS

FUSION

3D PRINTING

RHINO3D

KEYSHOT

LASER CUTTING

RAPID PROTOTYPING

ADOBE PROGRAM

PHOTOGRAPHY

RESEARCH

CMF

1



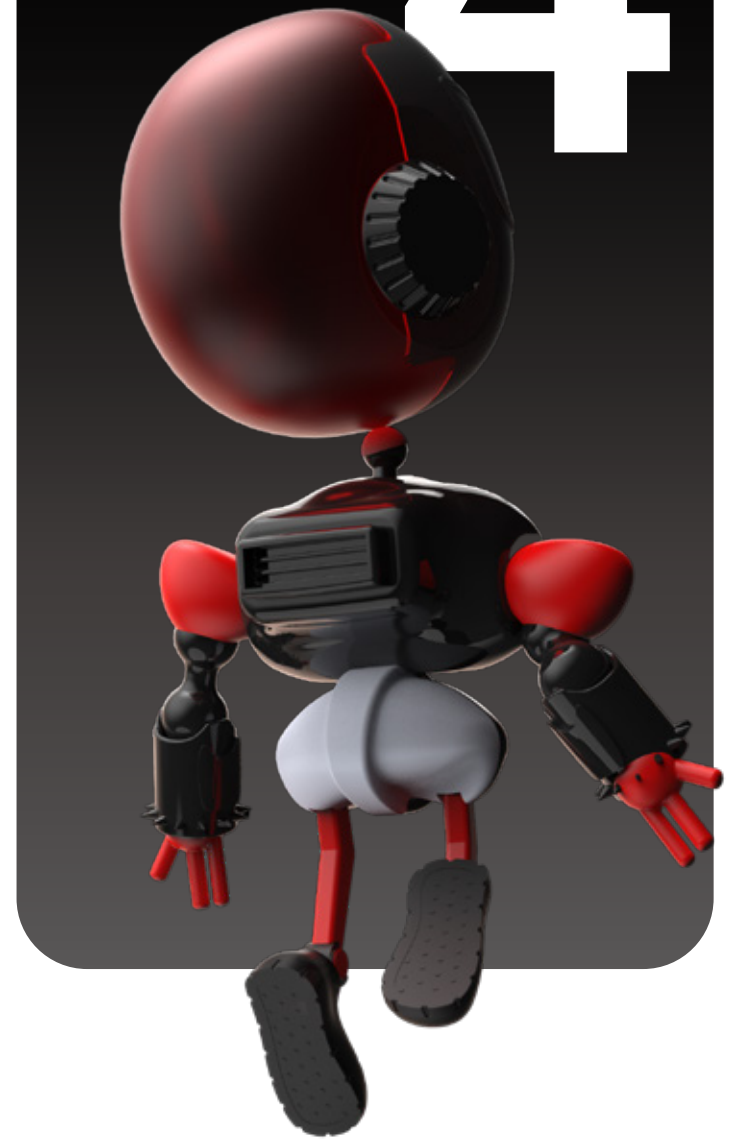
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3



4





TREASURE BOX

TABLE LAMP

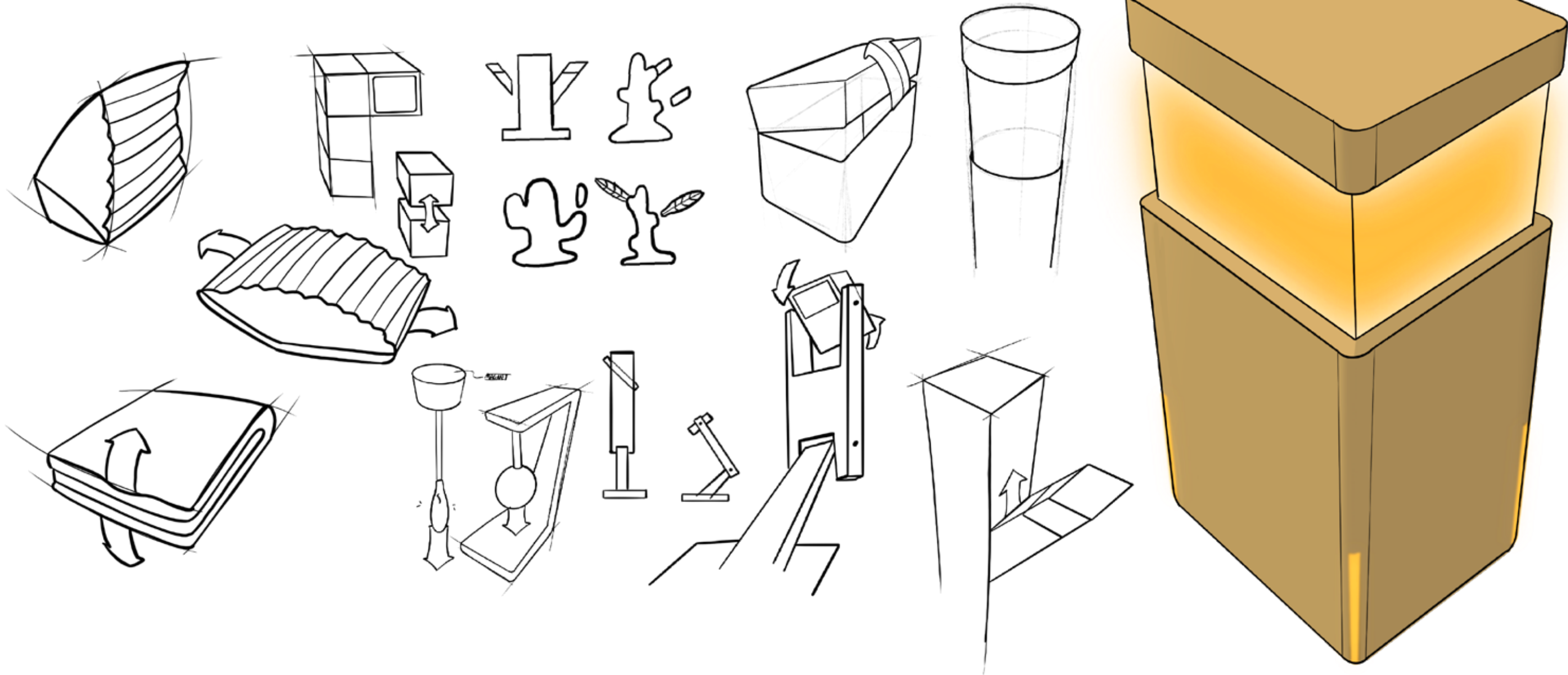
INSPIRATION

Inspired by the movies of my childhood, when the avaricious pirate unlocked the treasure chest brimming with gold, it bathes him in a resplendent golden glow. The more chests he opened, the more intenser the luminosity grew.



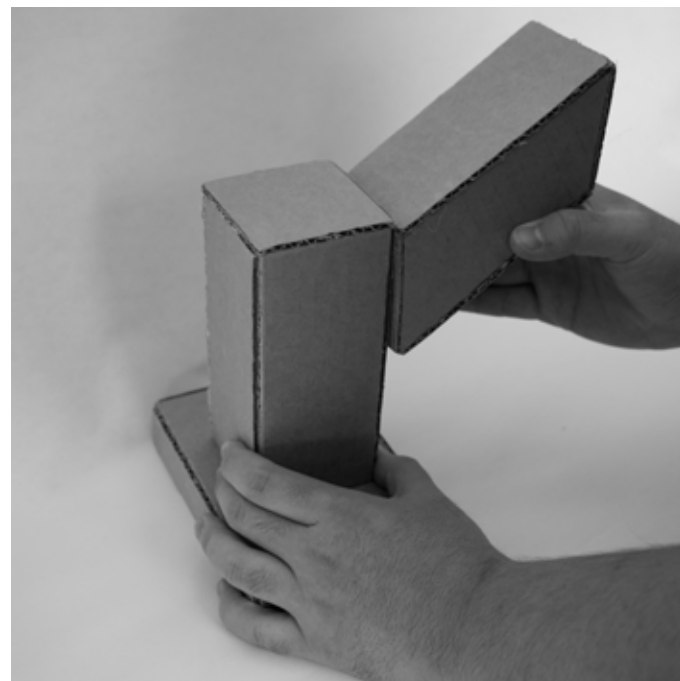
CONCEPT DEVELOPMENT

- Exude Warmth
- Integrate with surroundings
- Wood Provides Natural Aesthetic



SKETCH MODEL

- Exquisite Way of Opening
- Optimal Fit of the Cover



ILLUMINATION



**BED
SIDE**



**AMBIENT
LIGHT**





te

heading ↑ → good

10.

FINAL MODEL

CLEF

Portable Microphone
for Home Producer



RESEARCH



BAND SINGER Ethan

I usually keep my microphone with its holder next to my computer on the desk. I have to pack it up every time I'm done using it. **Sound quality** is the most important factor for me when choosing a microphone.

INSIGHT

Microphone should be easy to be packed and it should have good sound quality.



PROFESSIONAL VOCALIST Mia

I don't have any specific requirements for the mic. As long as the sound is super **clear and crispy**, and it's got a pop filter, that's all I need.

But I wish there is a **microphone that I can bring with while I was traveling.**

INSIGHT

Studio recording has really matured and professional work-flow, and sound quality is the most important thing as well.



HOME PRODUCER Marco

I have limited desk space, and music is my hobby. **I need to store my microphone after each use.**

Pop filter is important, I also prefer a microphone that can be easily stowed away.

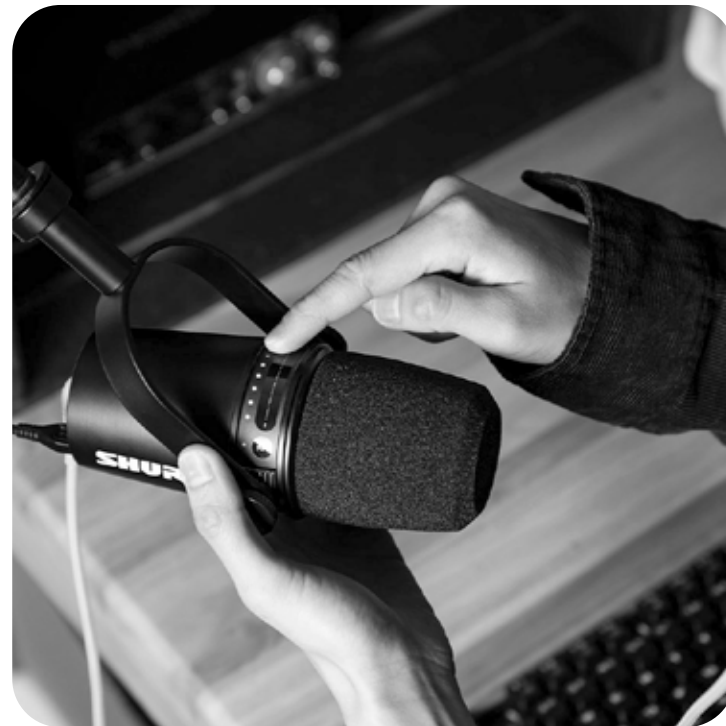
INSIGHT

Pop filter is important. For home producers, portability is a crucial feature that the microphone should possess.

PAIN POINTS



1 HARD TO ASSEMBLE



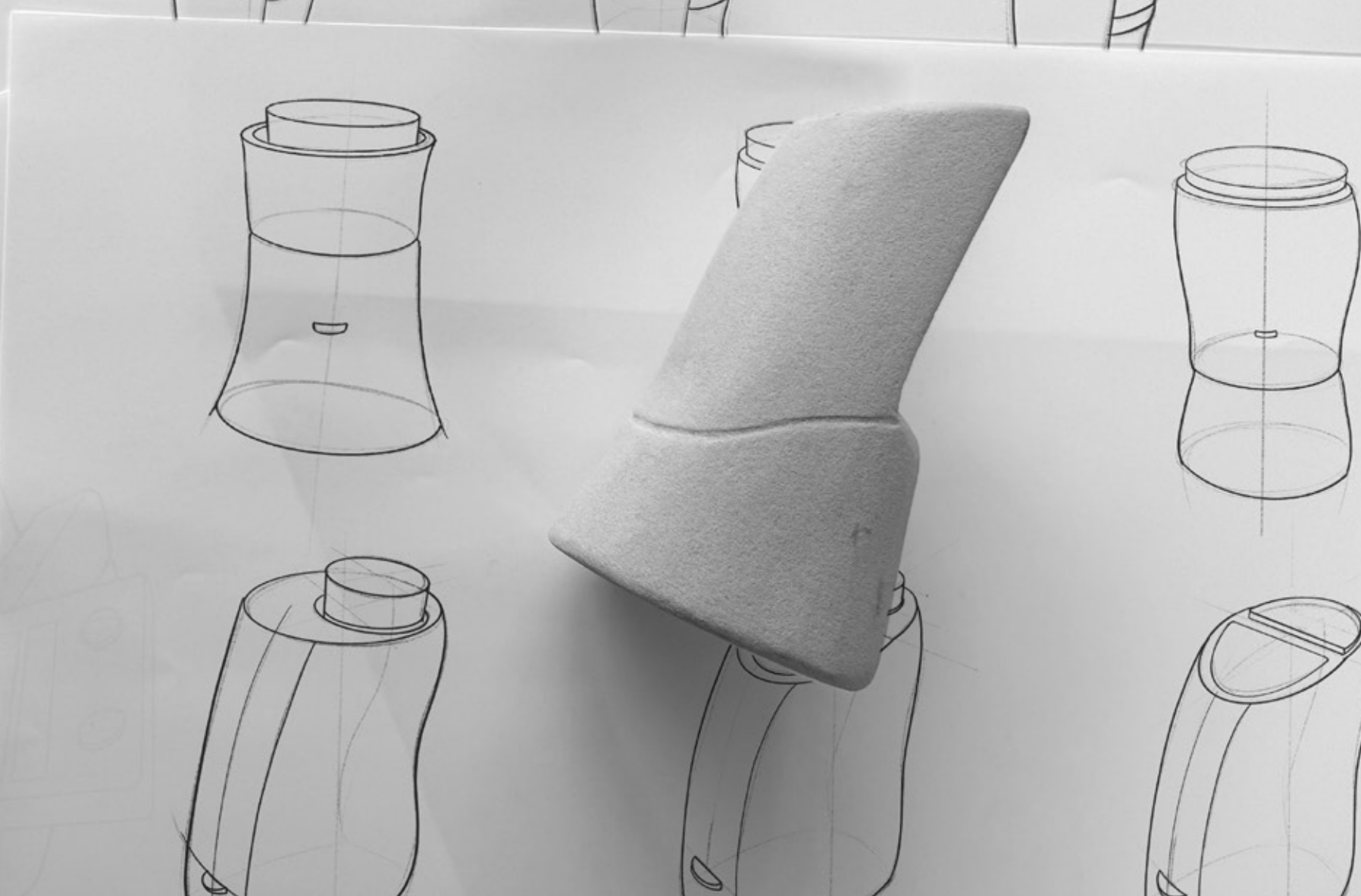
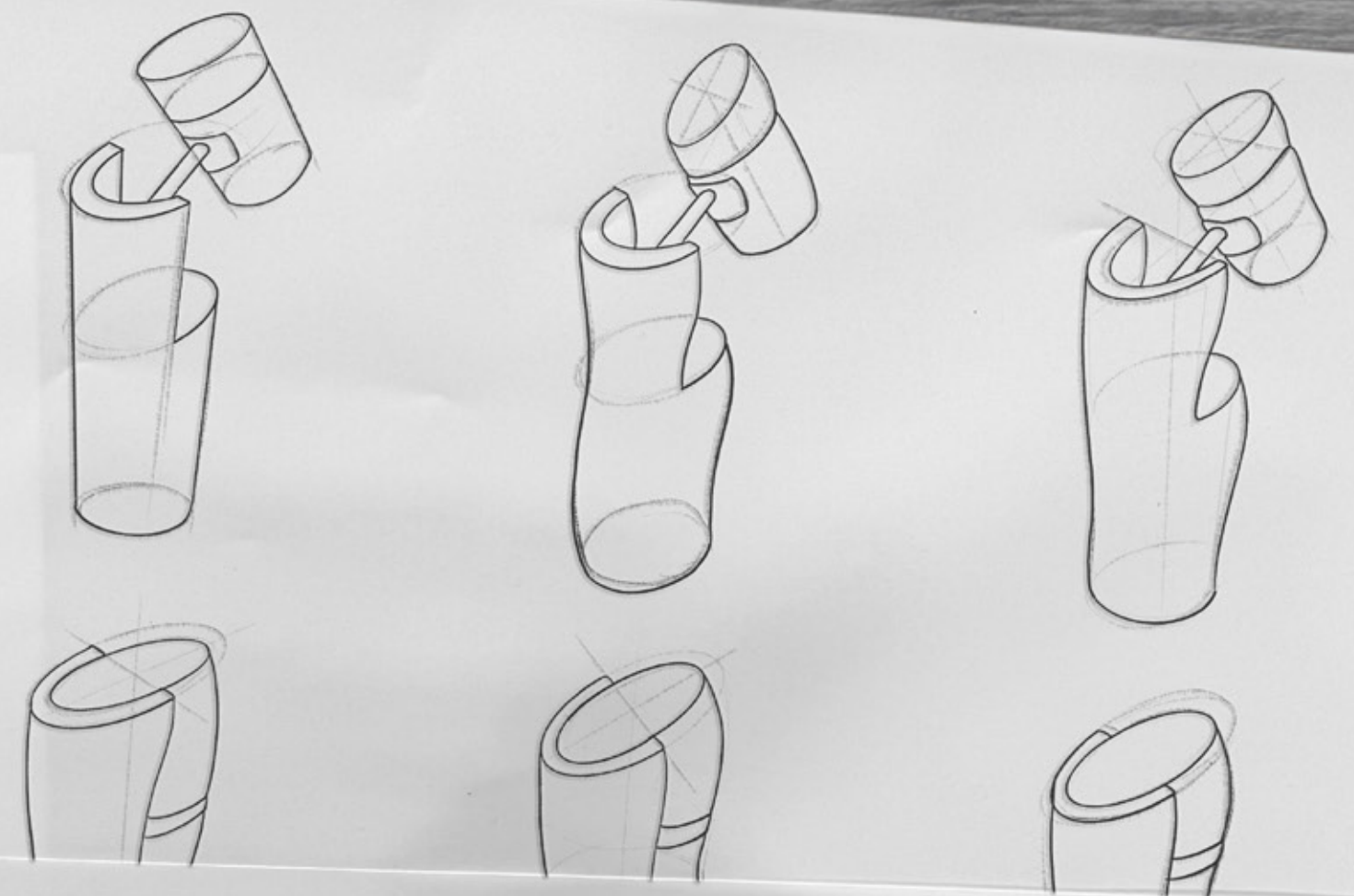
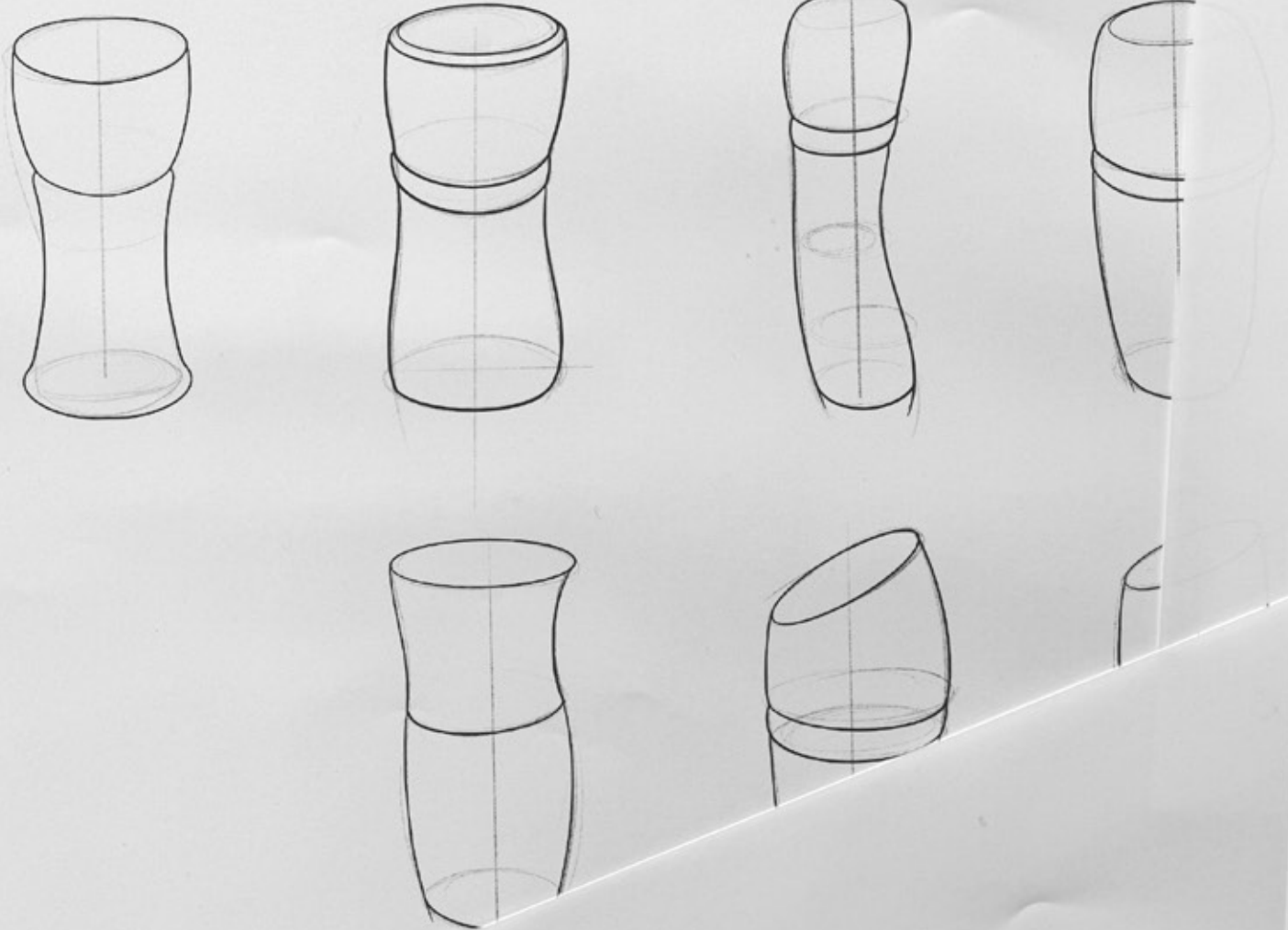
2 HARD TO ADJUST



3 HARD FOR BEGINNERS



4 WIRES ARE ANNOYING



CONCEPT DEVELOPMENT

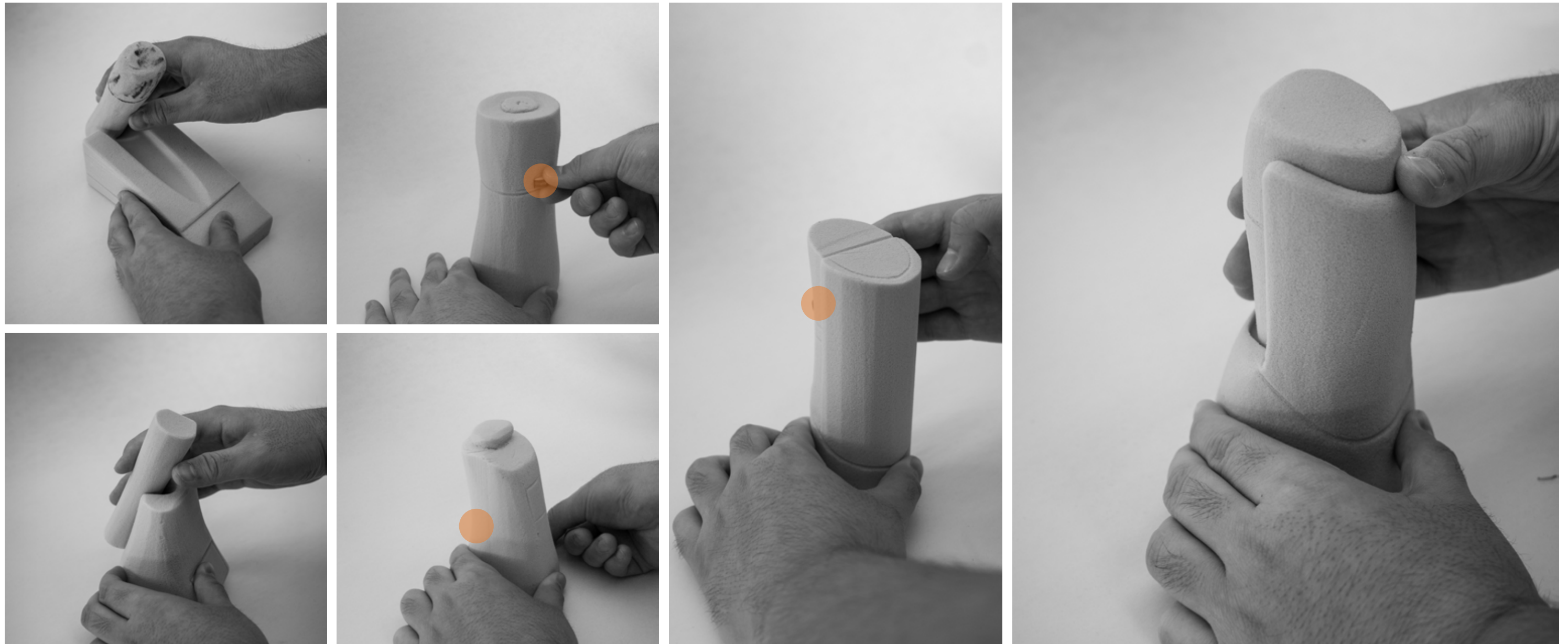


IDEATION

SKETCH MODEL

The focus of the sketch model was giving the user the ability to hold the body of the microphone with the least effort and most comfort.

BASE



SKETCH MODEL

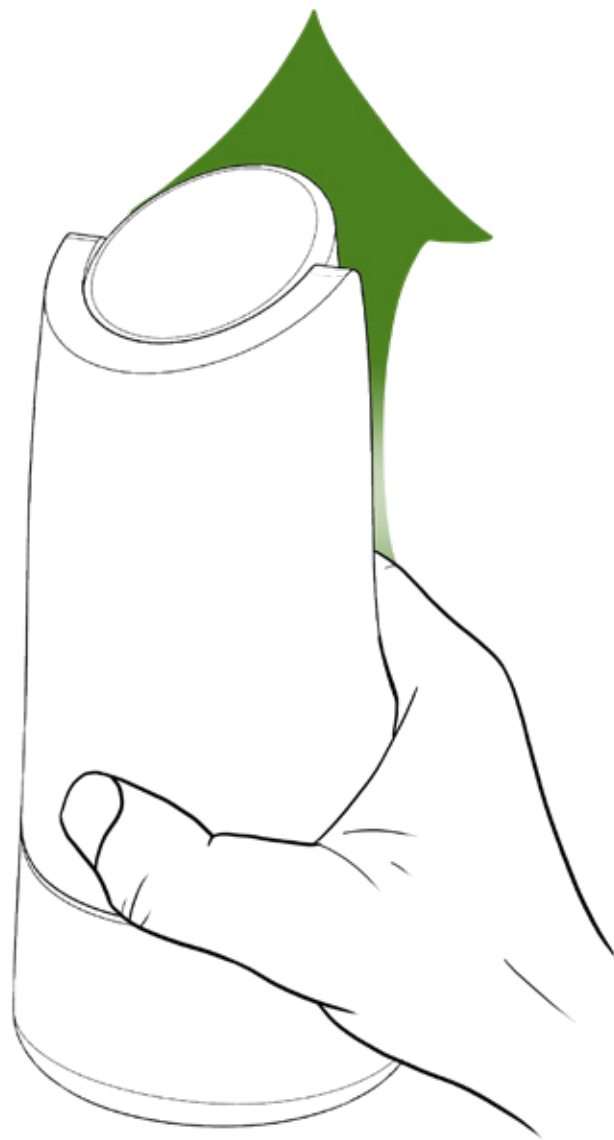
The focus of the sketch model was giving the user the ability to hold the microphone and lift the microphone with the least effort.

BODY



LIFT

Lifting the microphone up and it can be used on the desk



SLIDE

Sliding the top of the microphone base to change the volume while using on the desk



PULL

Pulling the microphone out for hand-held use to meet the needs for different conditions.





IN STUDIO



TRAVELING

nēmāh

Body Wash Bar Soap



nēmah

Nemah is a sustainable, vegan, skincare collection created for mothers and their families.

Nemah was created to help women feel safe, supported, and proud of the decisions they make in caring for themselves & their family.



BRAND USERS

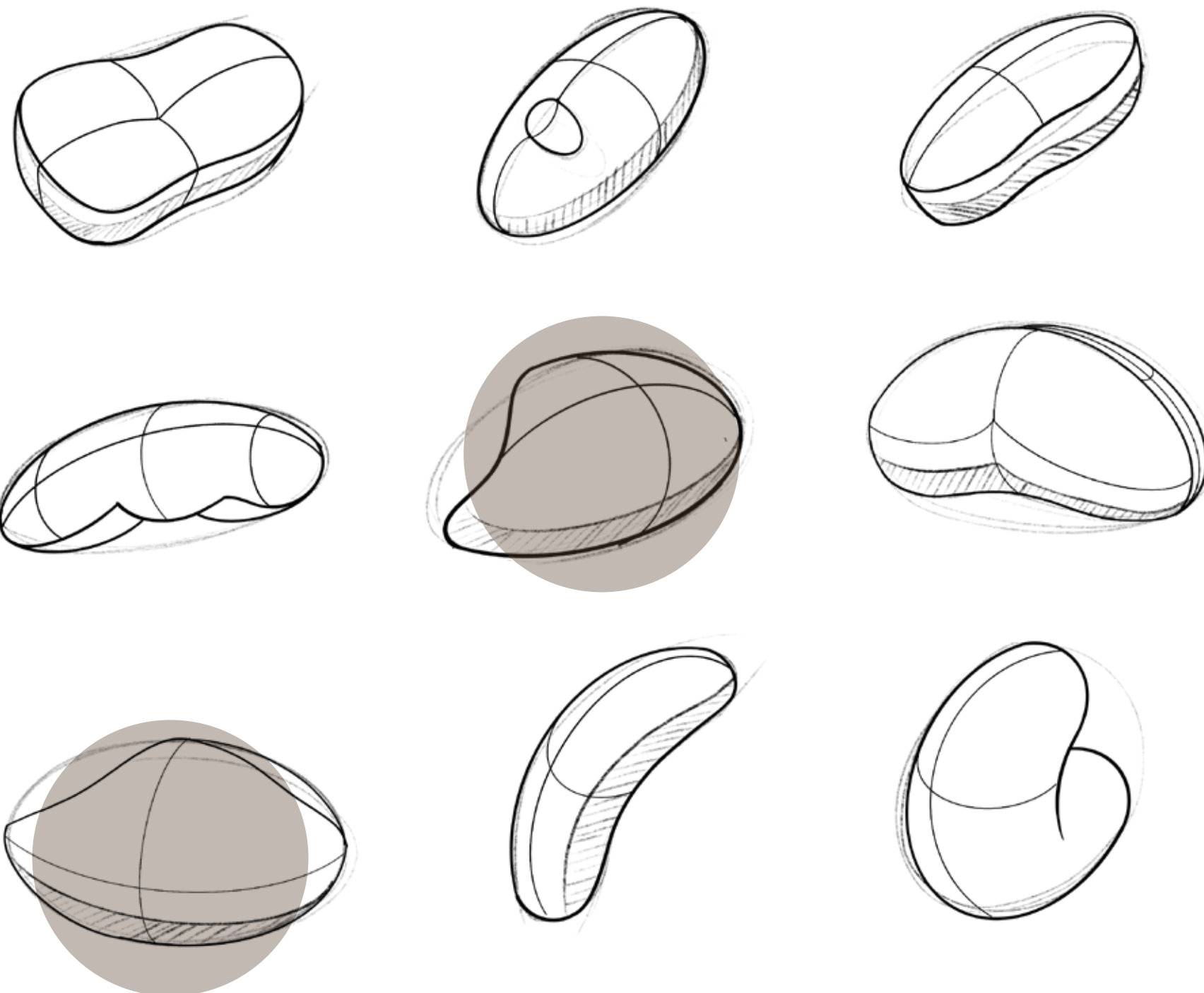


IDEATION



NATURAL | BLOBJECT

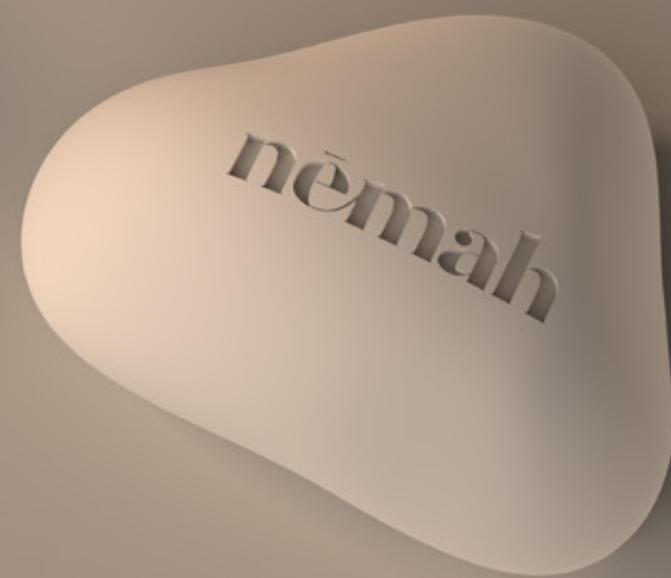
- NATURAL SHAPES
- ORGANIC
- ROUNDED
- FRIENDLY



SKETCH MODEL

- Appropriate Size
- Comfortable Shape
- Exquisite Form



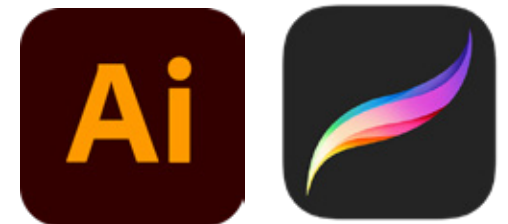


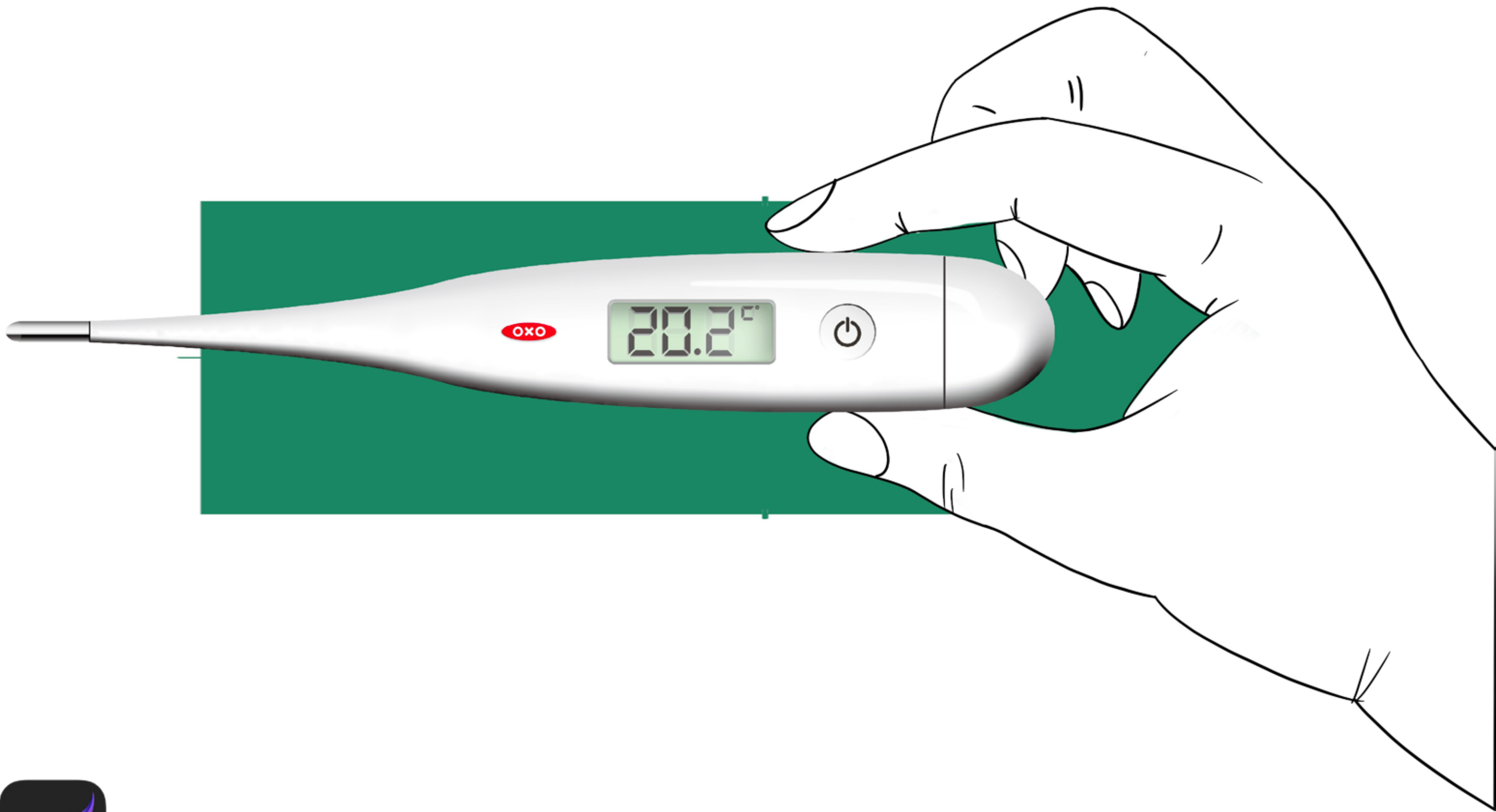


SKILLS

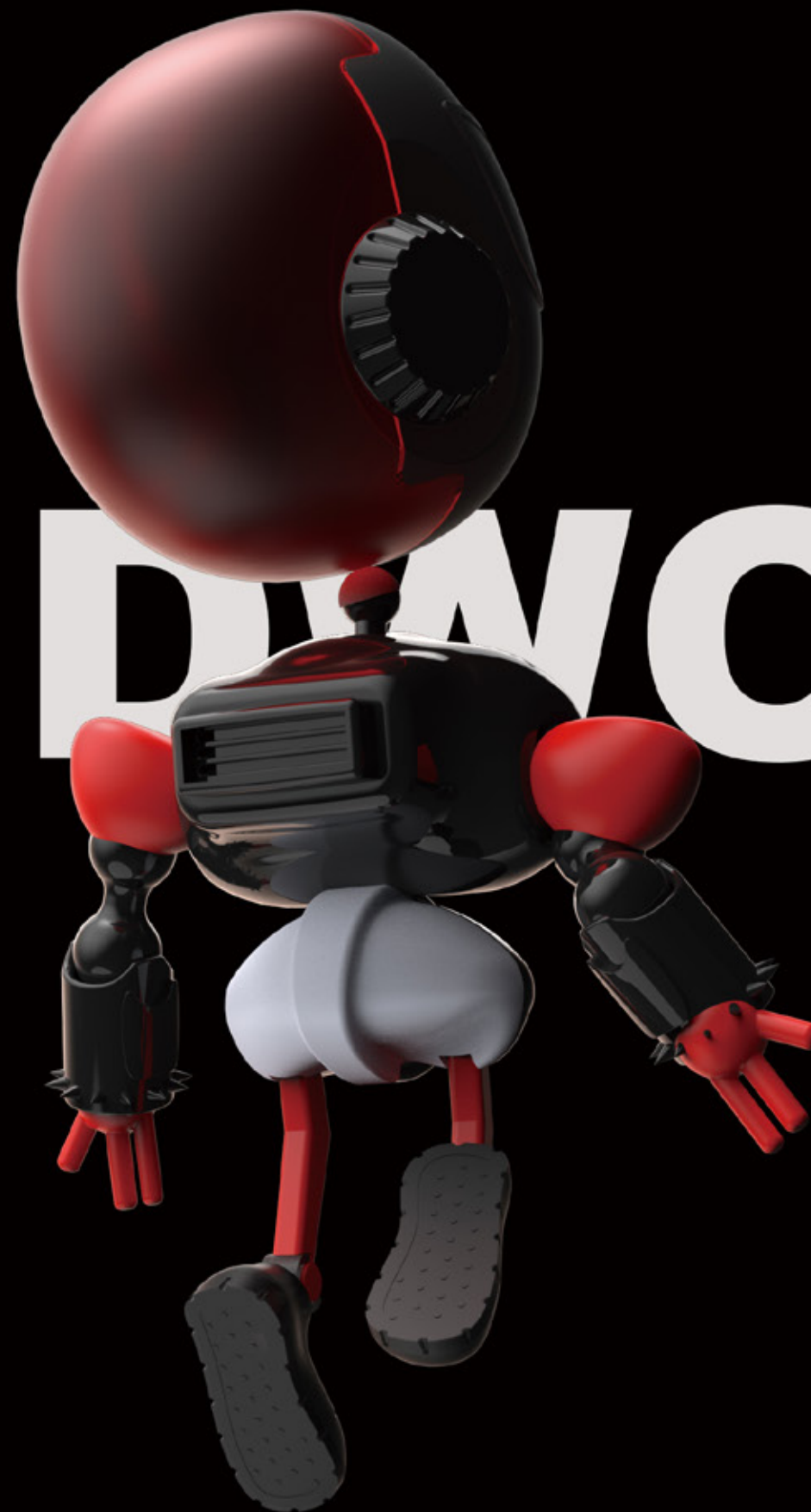








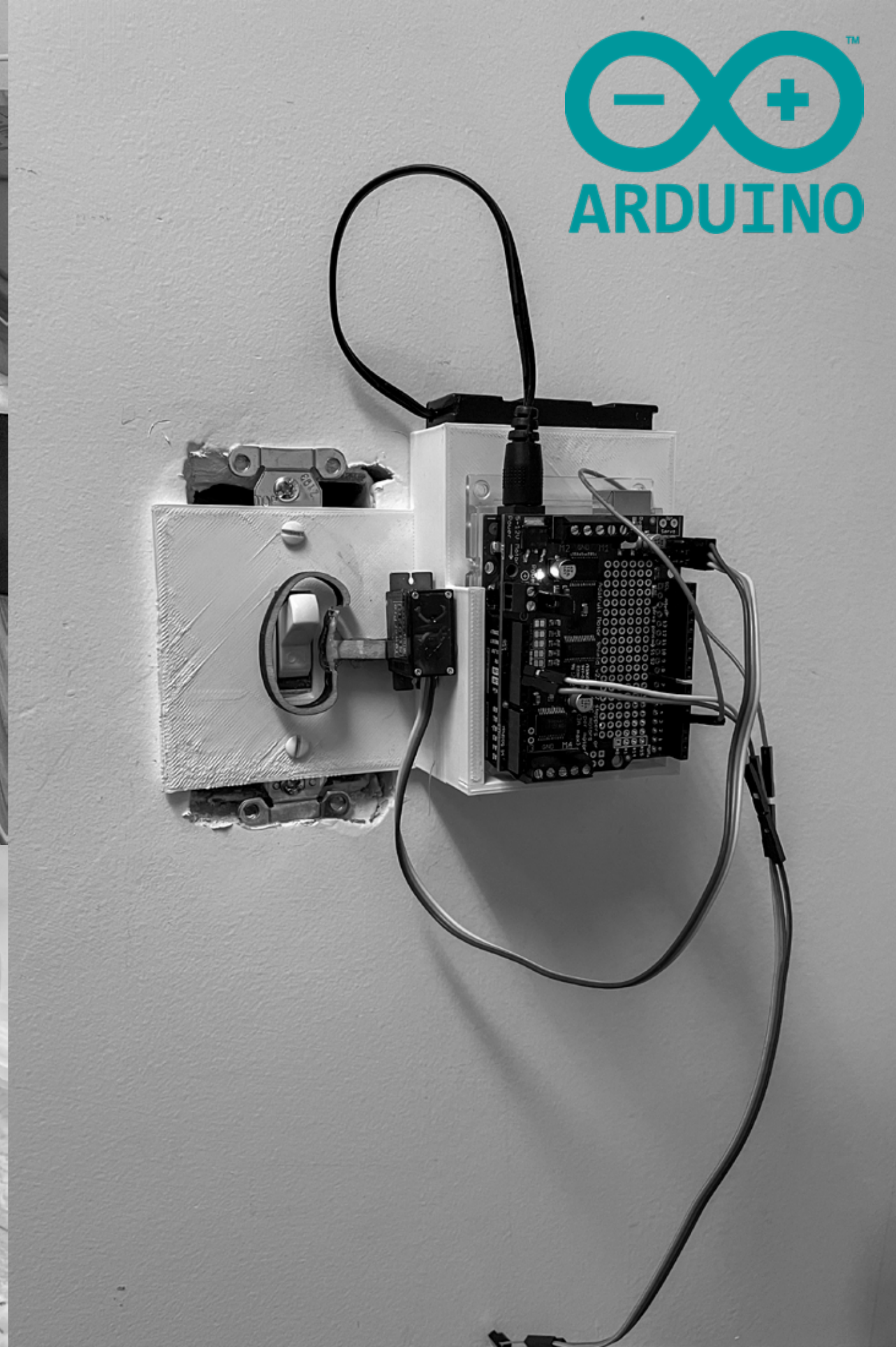
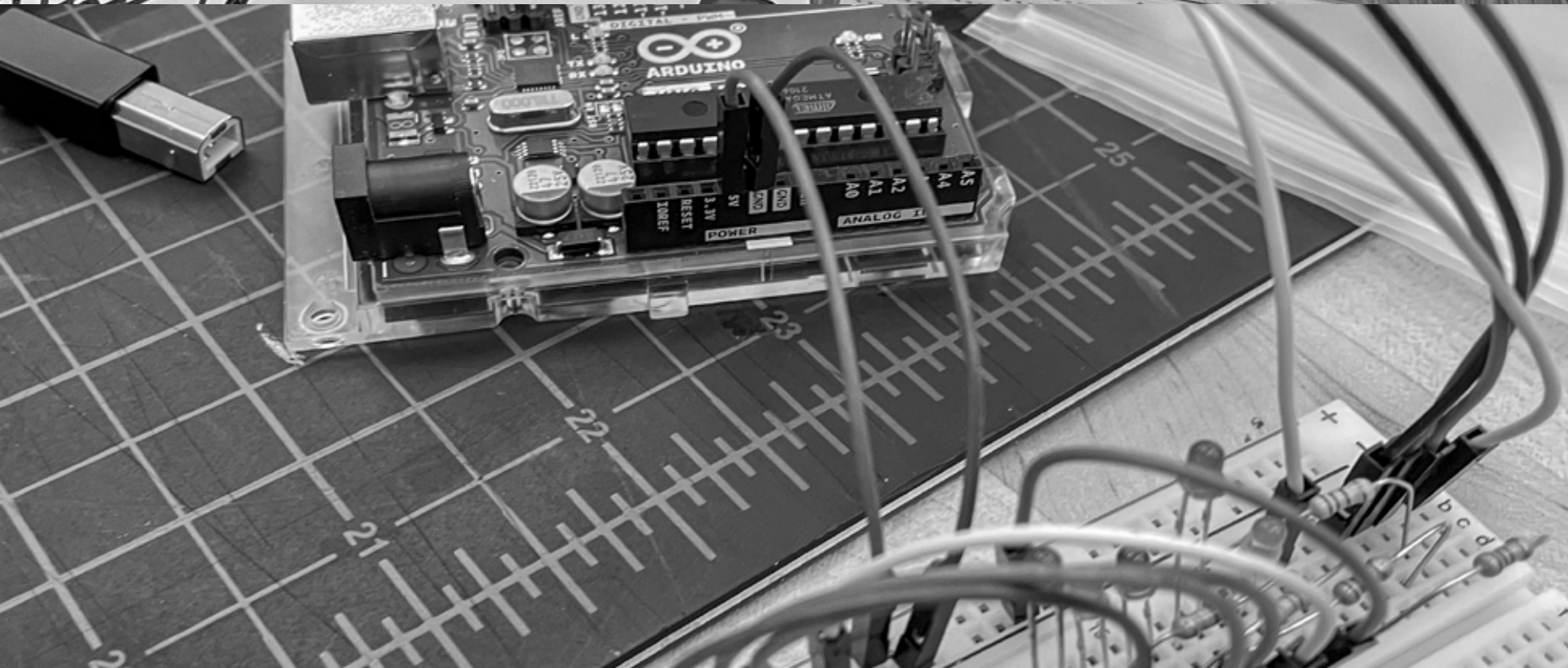
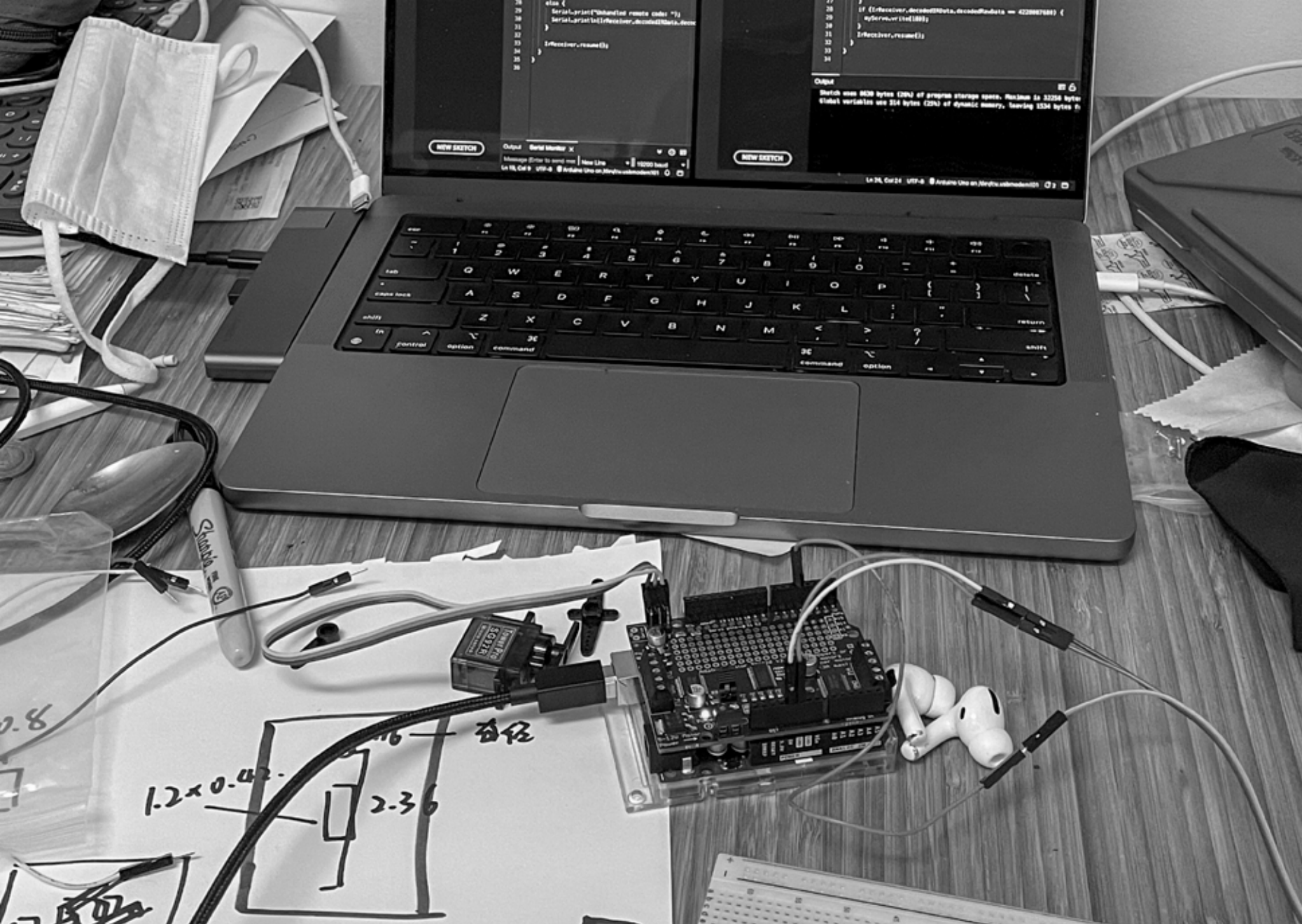
SOLIDWORKS



SOLIDWORKS
2022



SOLIDWORKS



THANK YOU !!

