

孙敬修

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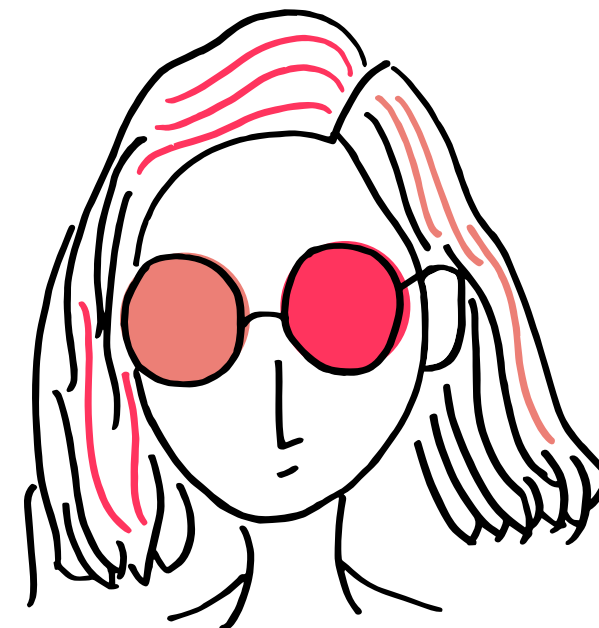
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*design*

# ABOUT



My name is Sun (last name), Jingyi (first name).

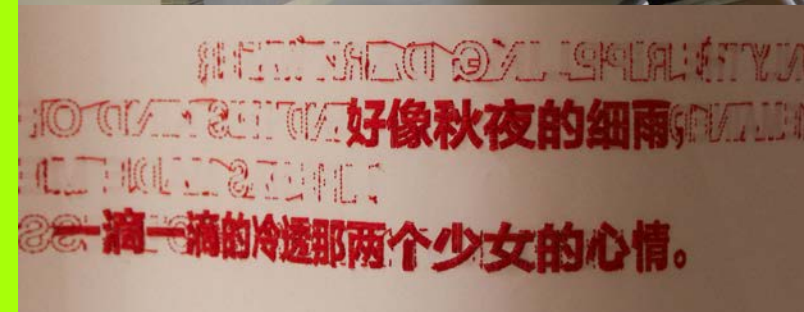
I graduated from the Royal College of Art, with an M.A. in Information Experience Design. Before coming to London, I worked at the IMA Lab as an Associate Fellow/Lab Technician for two years after studying at NYU Shanghai, where I graduated summa cum laude with a B.S. in Interactive Media Arts and double majored in Global China Studies.

Born and (mostly) raised in Beijing (population: 21 million), I have lived in three other cities, Berlin (3.5 million), New York (8.64 million), and Shanghai (24 million). Currently based in London (8.9 million).

I'm a big fan of potatoes (except when mashed).

contact me: [jingyi.sun@network.rca.ac.uk](mailto:jingyi.sun@network.rca.ac.uk)  
for full documentation of all projects: [cuitudour.com](http://cuitudour.com)

# PROJECTS

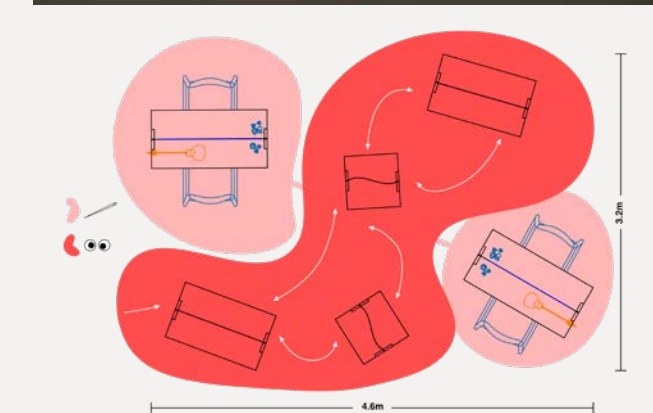
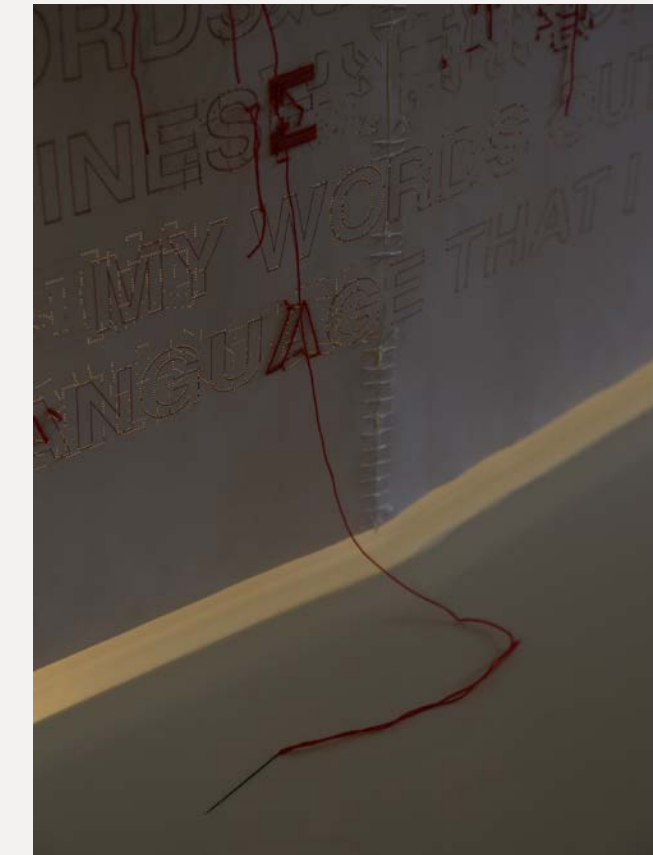
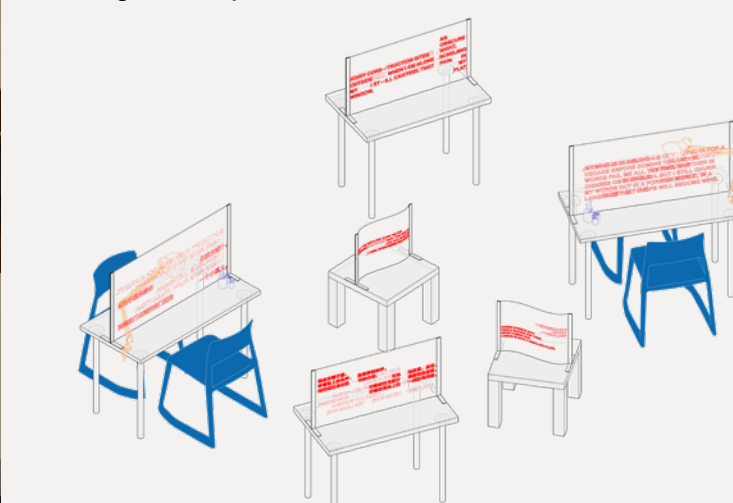


## Elsewhere

“But the feel of a place takes longer to acquire. It is made of experiences, fleeting and undramatic, repeated day after day and over the span of years.” — Space and Place by Yi-Fu Tuan

Elsewhere is a series of “fleeting and undramatic” fragments about living in Beijing and London, as told by two different novelists from the Chinese diaspora (Shu Qingchun + Guo Xiaolu) writing almost a century apart, and as felt by me in present day. It is a project about language, identity, cities and memory, and it is also an invitation to sew, to talk, to read and to find comfort.

Participatory Installation. Embroidered Text, Paper, Second-Hand Ikea Desks.  
Carpentry, laser cutting, 3d modeling, digital design, sewing techniques.







## Untitled Pavilion

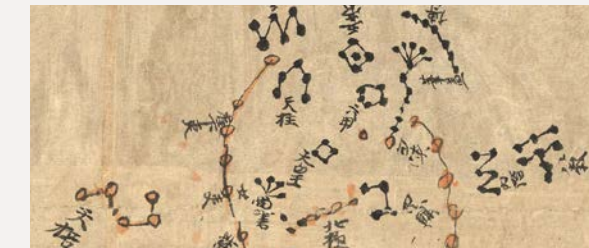
Team: Bolim Jeon, Claudia Palcova, Danni Zheng, Jingyi Sun, Liina Lember, Lorenzo Piazza, Marius Leqi Pfennigdorff, Wei Hsiang Weng.



This pavilion was built as part of IN LIMINE, a student-organized event for RCA 2021. We invited three guest speakers to talk about how their practice weaves in between both physical and digital sites. Additionally, also in response to the idea of “in between”, the student team designed and built this pavilion in which we attended the talk.

We ended up choosing an outdoor area in Wormwood Scrubs, a large expansive field in west London. It was set up to have three sections of different heights that allowed three forms of interaction - lying down, sitting, standing, and we chose a cotton fabric that would both stand out (color) and blend into (organic feel) the landscape as well as provide some shade from the sun.

## S.3326 2019

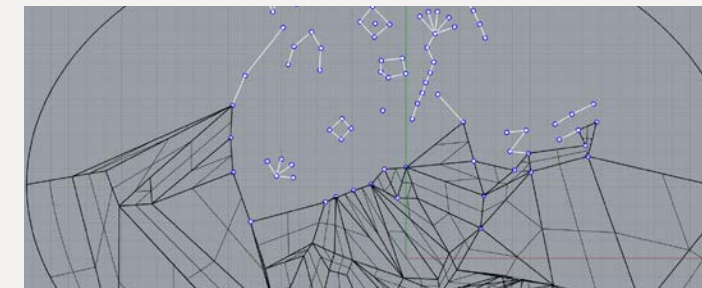
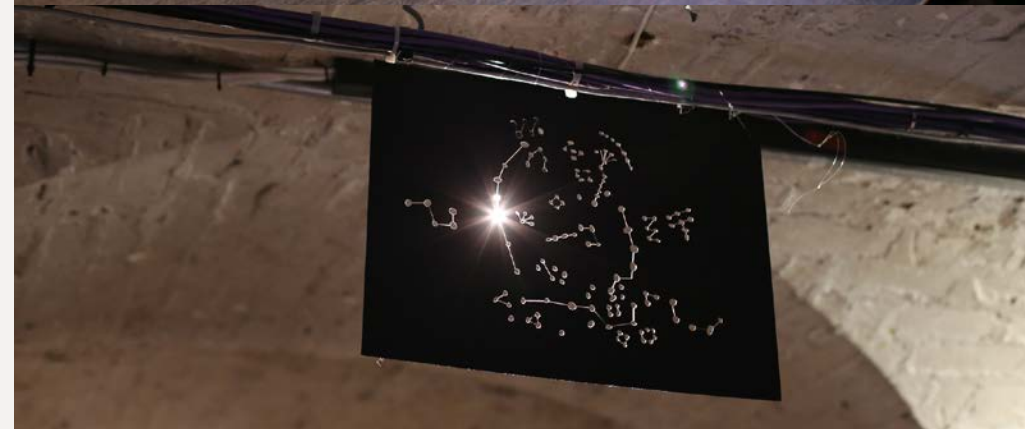


I have never been to Mogao Caves, so I thought they would make an interesting site study to explore. How do you find out about a place, and then reconstruct an idea of what it is without ever having seen it in real life? How different would they be?

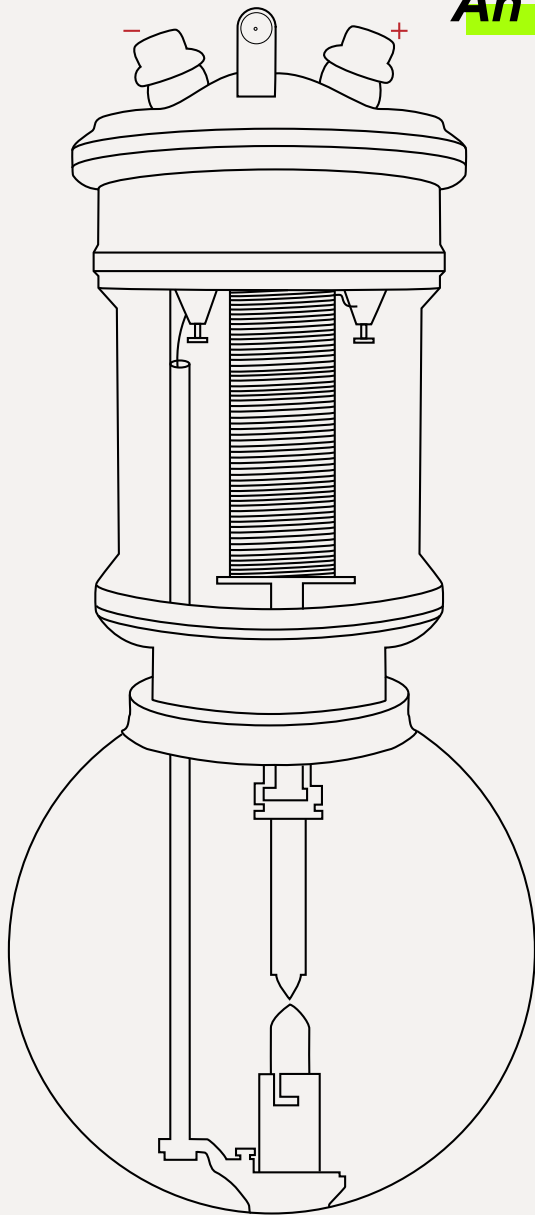
It turns out that although Mogao Caves as a physical site remains a remote location, the caves are an incredibly well documented digital site.

It was in this large pool of documents that I found S.3326, an old star chart detailing the night sky as seen from the northern hemisphere, and decided to use it as a base upon which my landscape would be built. Numbers relating to Mogao Cave's history are mapped onto the location of stars, and raised above the ground according to their values. The array of different points then form a very mechanic and sharp landscape, one that is very different from the flowing line of the dunes that can be found in the deserts that the caves belong to.

Paper object, cut-out projection, data booklet.  
Rhino, Illustrator, a lot of time and patience.







## An Illuminated History

An Illuminated History of Light is an interactive pop up book recording a brief and selective history of artificial lighting.

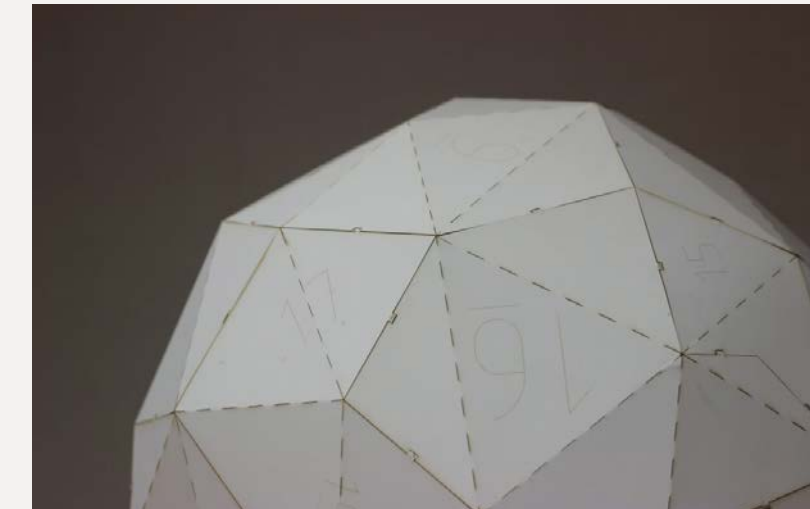
I wanted to combine paper engineering techniques with circuits, and one of my favorite subjects: lights. Artificial lighting and its effect on urban development has always been a topic of interest for me, and I decided to pick eight lighting inventions to make up this book.

My research process consisted of looking at images from collectors, old street photos, and diagrams. I also read encyclopedias, news articles, as well as patents, and writings of the inventors themselves. I then moved onto prototyping the circuits on thin paper, and a second round of prototyping on thicker paper after I finished designing the graphics.

Flip through pages to read more about lights.  
Paper, leds, conductive tape.



## Anti Social Anonymous



Anti-Social Anonymous is a project exploring the idea of personal space in a hectic environment.

I liked the idea of creating geometric models of things from a 3d model, and decided to create large domes as a temporary escape from the outside world. The panels were generated with software, cut by laser cutter, and pieced together by hand. A small screw was 3D printed to connect the top of the dome to a long piece of string.

Rhino, Meshlab, 123D Make, 3D Printing, and paper.





For a Good Time, Text... is a project that weaves interactivity into clothing via text messaging. We created three pieces of clothing: a kimono with a LED matrix on the back, a skirt with four rows of LEDs, and a pair of pants with LED strips running down the side seams.

Users can control LED patterns by texting precoded commands to pre-determined cell numbers. For example, texting 1234 to the phone number connected to the skirt will allow the four rows of LEDs to light up in that order. Text “arrows” or “triangles” to create relevant shapes on the LED matrix.

Arduino, bluetooth modules, phones, and the MIT App Inventor, as well as soft circuits, fabrics and LEDs.

Team: Nicole Chan, Richard Lewei Huang, Krishan Mistry, Anna Schmidt, Jingyi Sun

## For a Good Time, Text...



## Switching on the Universe



“Rose had the sort of eyes that manage perfectly well with things close by, but entirely blur out things far away. Because of this even the brightest stars had only appeared as silvery smudges in the darkness. In all her life, Rose had never properly seen a star. Tonight there was a sky full. Rose looked up, and it was like walking into a dark room and someone switching on the universe.”

--- Hilary McKay, Indigo’s Star

I was inspired by this quote, and also being near-sighted, relate to it as well. So I decided to use LEDs to create the big dipper, added hanging felted “clouds,” and a light switch to visualize the scene in this quote.

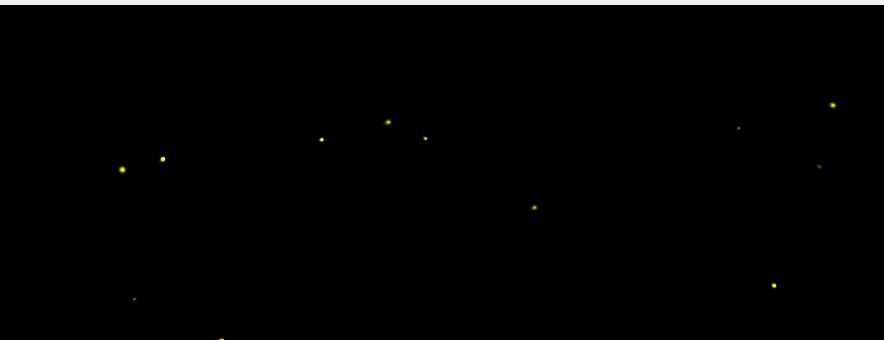
Toggle the switch to turn the lights on and off.  
Felting and sewing techniques, soft circuits, and arduino.



## Fireflies



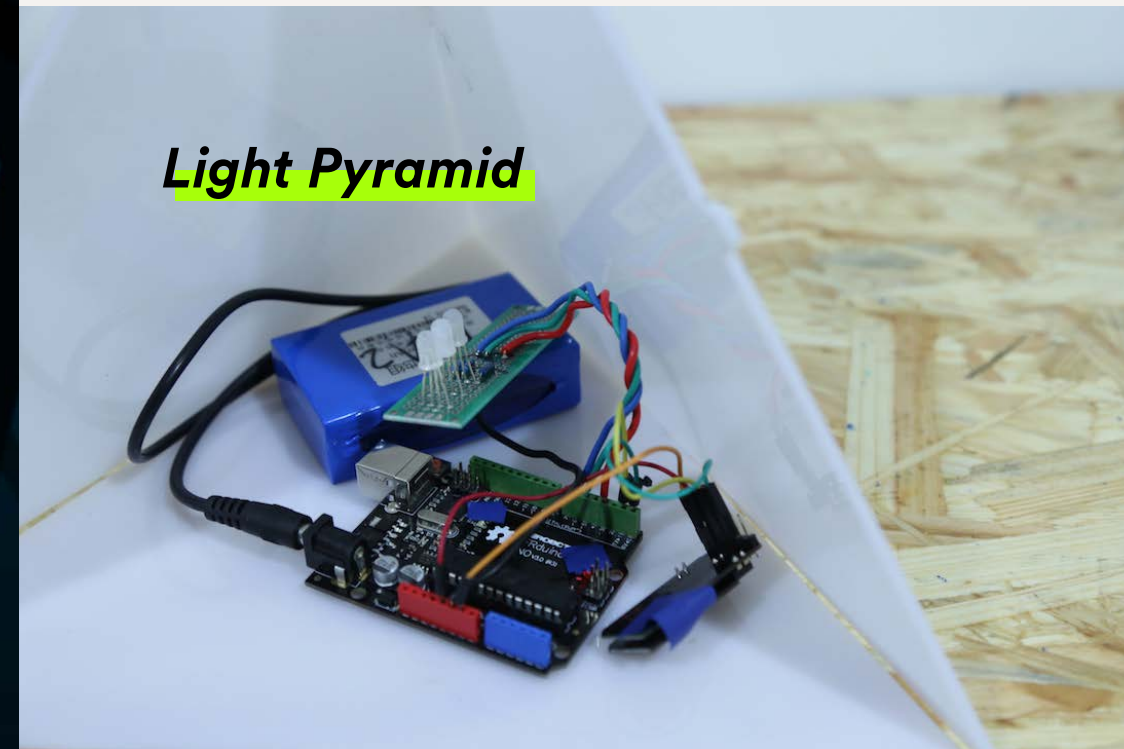
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This project consists of two parts: the fireflies, and the forest. Fireflies are generated using a flocking system, and are random in size and position. The forest consists of five layers of recursive trees, random in position, and different in size and color. To simulate a more realistic sense of depth, fireflies are randomly sorted to move between the trees, appearing in front of some trees, and behind others.

p5.js.

## Light Pyramid



Light Pyramid is a simple lighting fixture where the color of the light can be controlled wirelessly through an interface on the computer. I soldered four rgb leds onto a perfboard, and attached them to a Arduino Uno. The microcontroller receives signals from the computer via bluetooth. Outer shell of the light was designed in Illustrator, tested with cardboard and finally, laser cut in white acrylic.

Arduino, Processing, bluetooth module, and laser cutting.



## Rube Goldberg Machine

We started out with the idea to use toy cars, dominos and beads to create motion and movement. We then recycled a wooden frame, some bamboo tubes, and bought a toilet plunger and a plastic funnel found at a hardware store.

Once a signal is received from the previous part via x-bee, a servo would turn to open a latch, letting marbles pass through from a reservoir and through rubber tubes to hit a series of toy cars, which would go down a ramp to set off a chain of dominos. The last domino, connecting two conductive pads, will send off a signal to the next segment via another x-bee, and turning on a servo which waves a tiny flag.

Arduino, X-Bee, found materials.  
Team: Nick Sanchez, Sidra Manzoor, Jingyi Sun

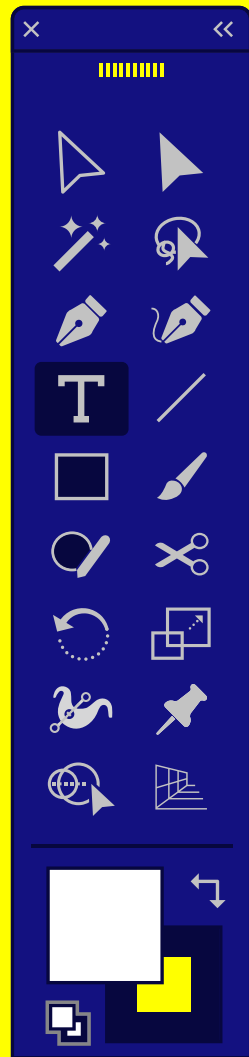


Inspired by some of my favorite stories, I (re)designed covers for them, and placed them opposite quotes from the stories. I experimented with various different types of paper, and this was my first experiment with book binding.

Paper cutting/folding techniques, and circuits.

## Book of Peculiar Stories





# DESIGN

Layers				» ≡
		> Layer 3		○
		Layer 2		○
		> Layer 1		○

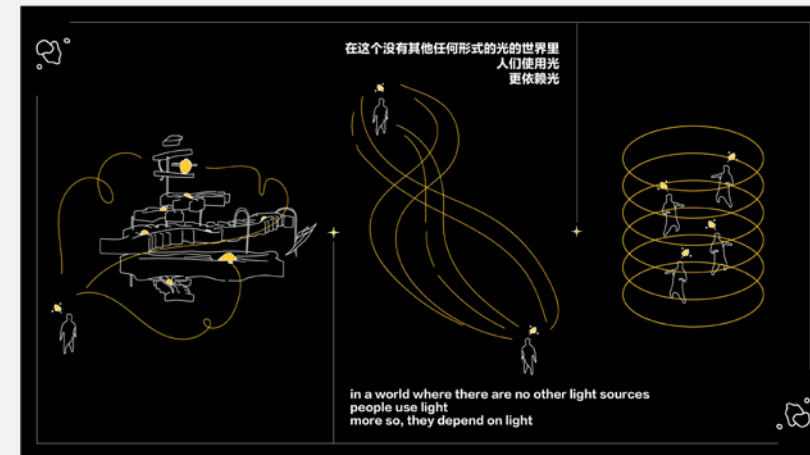
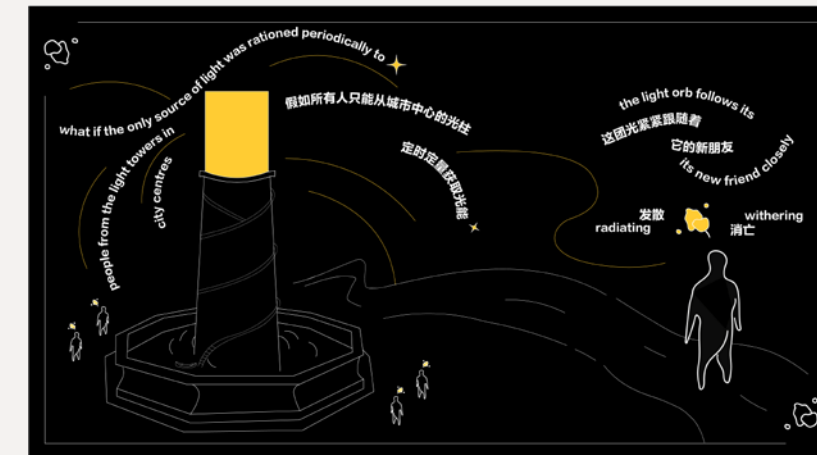
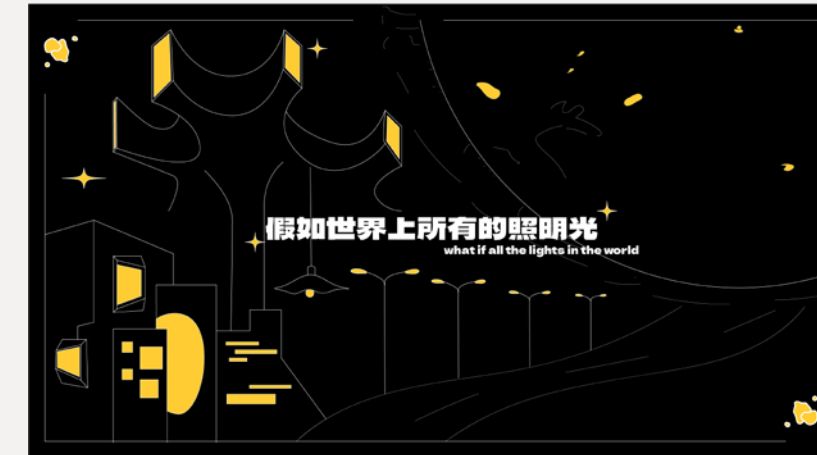
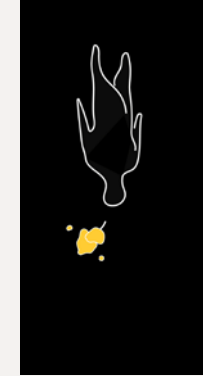
## Borrowing Light

Storyboarding / background graphics for a video project that imagines a world where all lights disappears.

What if all the lights in the world collectively lost their spark? What if the only source of light was rationed periodically to people from light towers in city centres? What if the light orb follows its new friend closely, becoming responsible for brightening a small space, first radiating, then withering... In this world, people use light, more so, they depend on light.

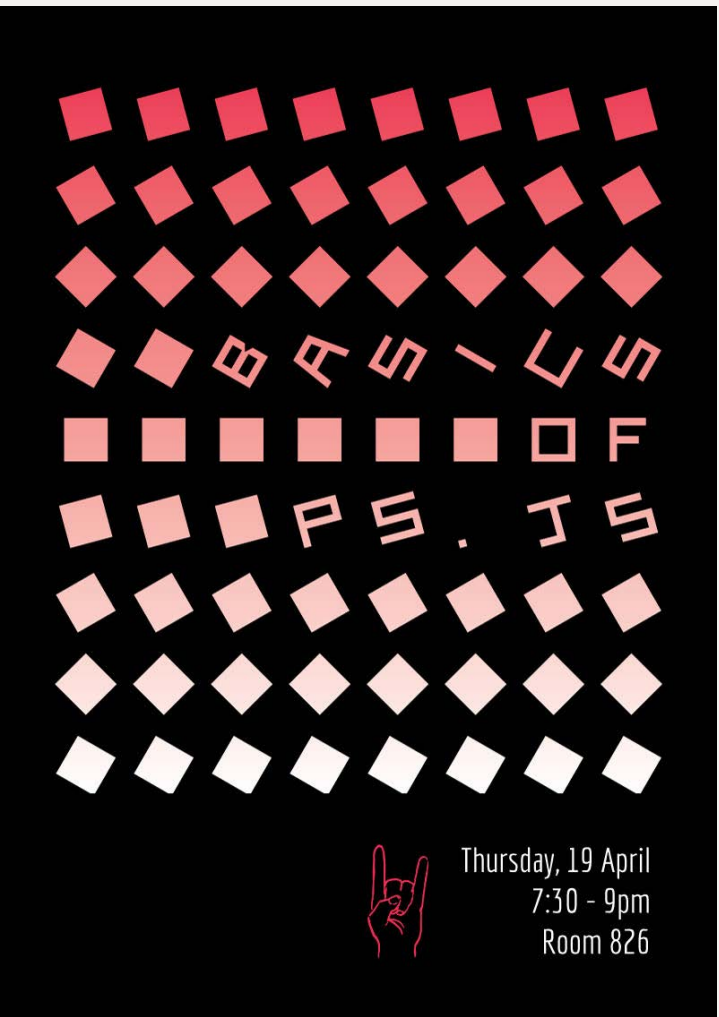
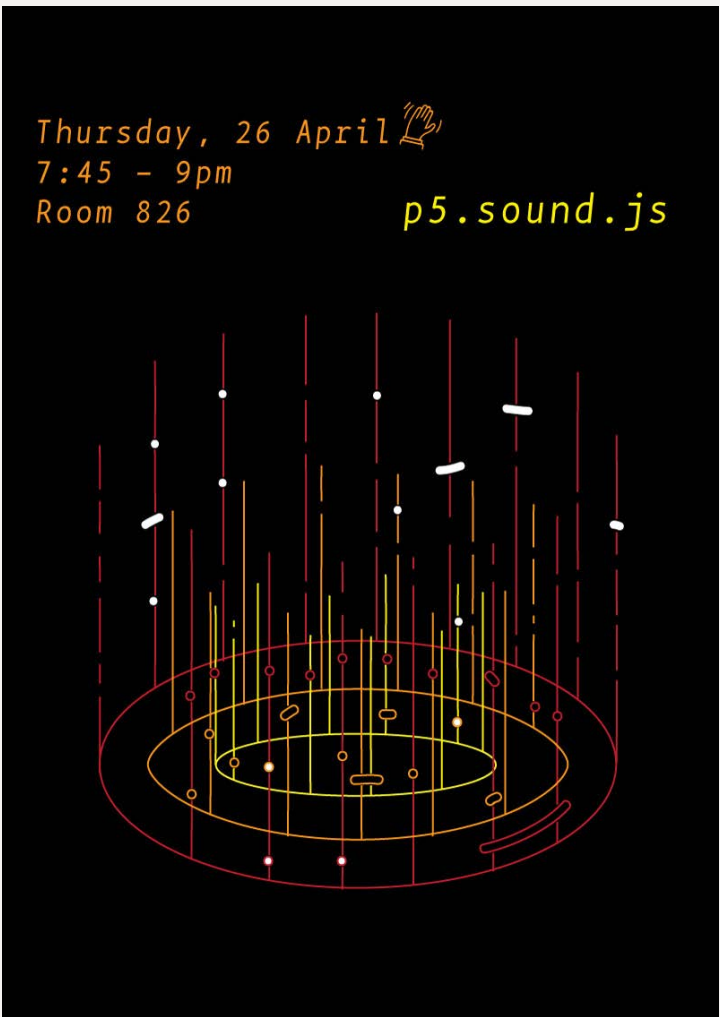
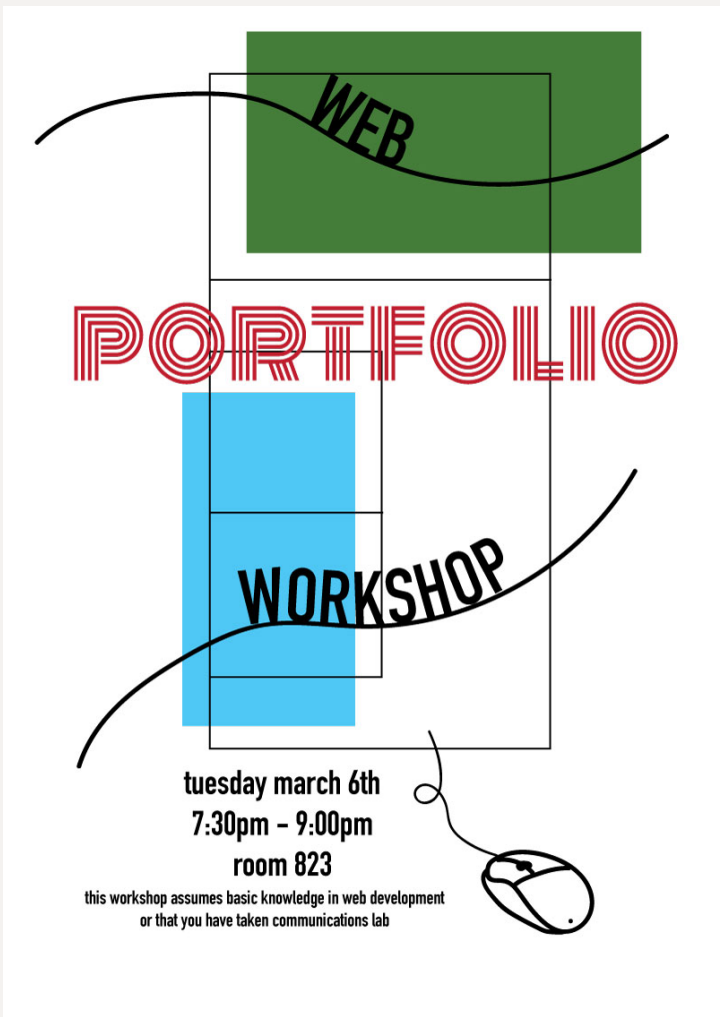
We fantasize this hypothetical situation in order to imagine if light can become a disposable but limited necessity, what will happen? Will humans still dream? Will they still create, communicate, dance? We ask this question with the hope that everyone can find their own lights, even in an era of darkness.

Team: Danni Zheng, Jingyi Sun





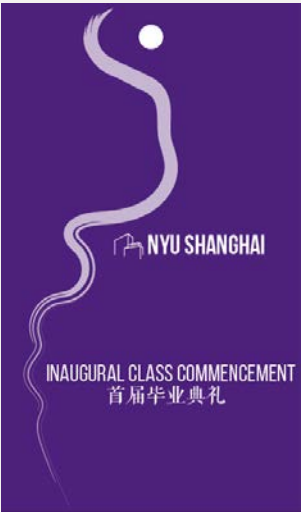
Posters



A collection of poster design work I did to promote workshops and events around school.

## 88 Shanghai

Graphic material designed for *88 Shanghai*, a series of 8 events held over 88 days counting down to the commencement ceremony of NYU Shanghai’s inaugural class. The number 88 is significant as a symbol of luck and as its vernacular meaning of “goodbye”.



NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

EMAIL: \_\_\_\_\_

88 上海



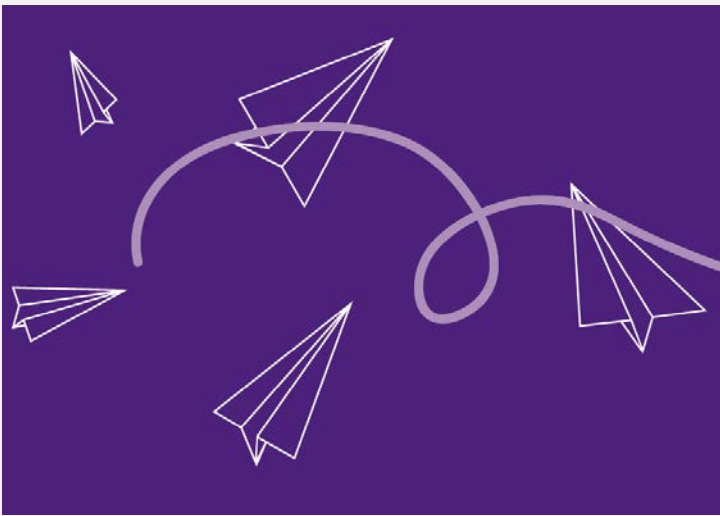
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88 上海

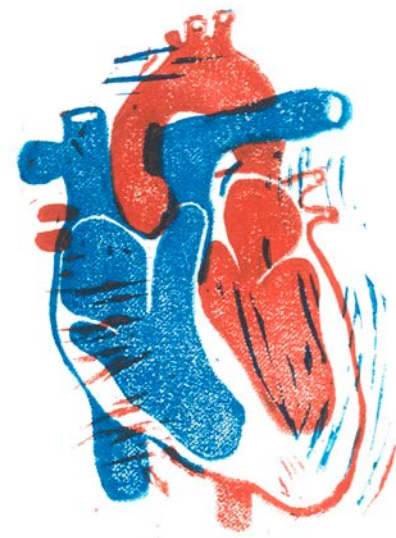




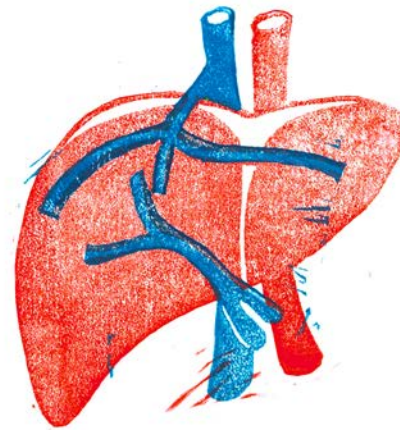
## Printmaking

As preliminary experiments in making relief prints, I chose to create a series of five prints, each focusing on one organ of the human body.

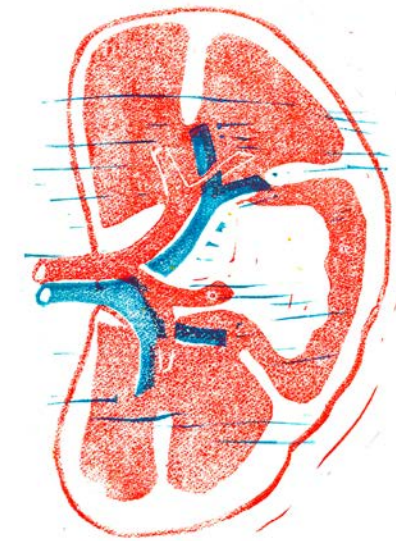
In traditional Chinese medicine, the culmination of these organs (心肝脾肺肾) as the five viscera (五脏) can be linked and extended in relation to many other systems of thought (e.g. the five elements “五行”). Although TCM does not necessarily center its ideology so much around the anatomy as the functions of the organs, I thought a stylized reinterpretation would be a good starting point in exploring colors, shapes and technique.



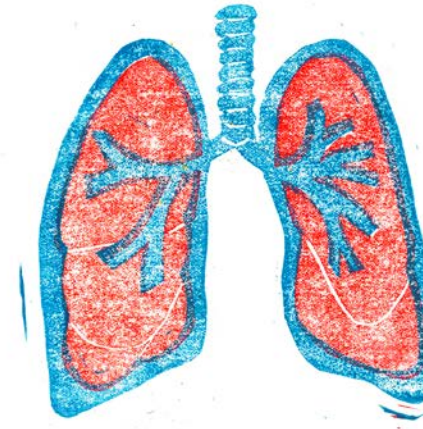
HEART



LIVER



SPLEEN

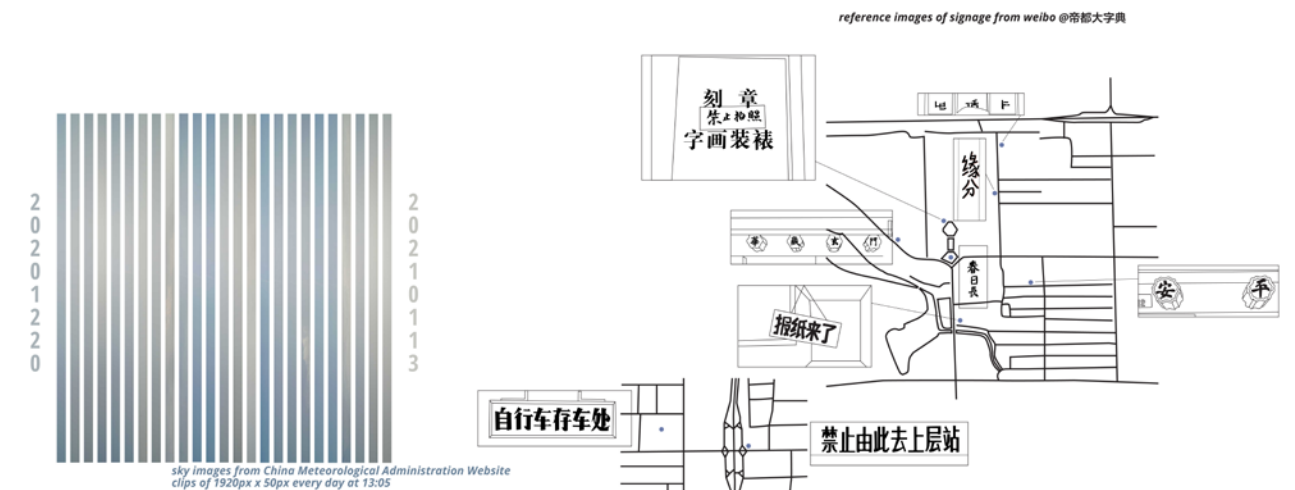
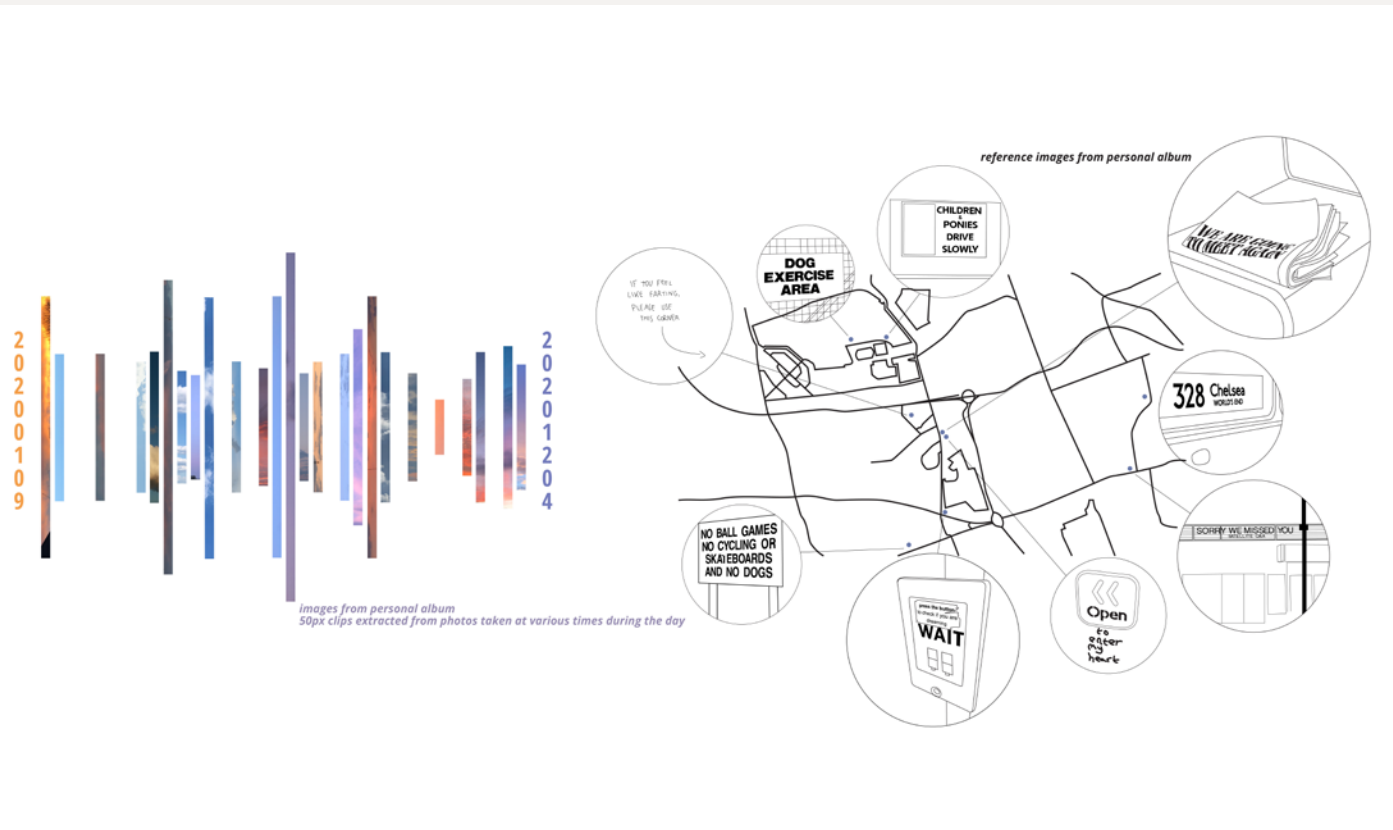
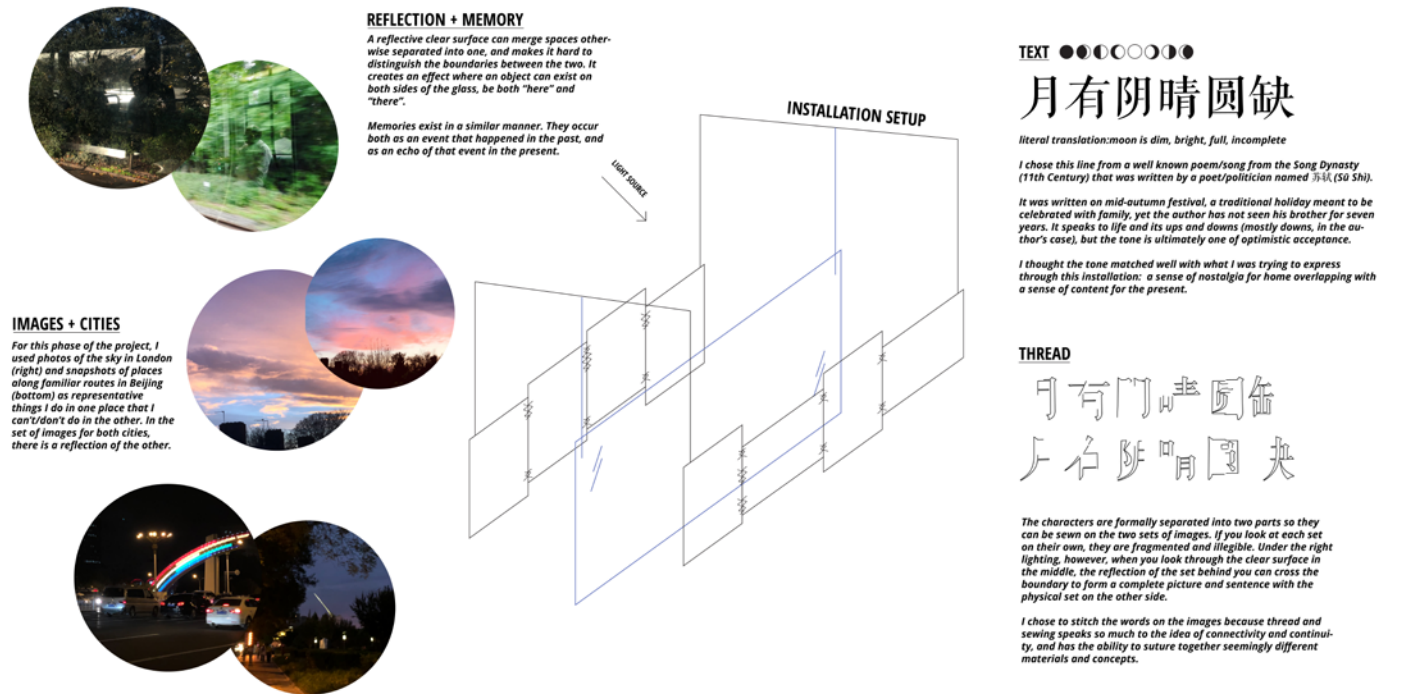


LUNG



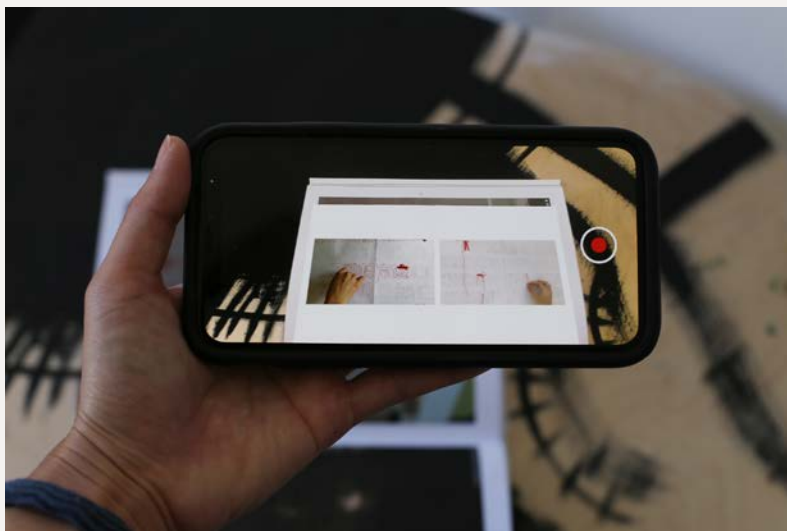
KIDNEY

## Here for the Good Days



Informational graphics concluding a series of visual research. I was looking at photos of weather (sky conditions), varieties of different images of words collected in the city, reflections and memories. The graphics were a way to document and organize my materials in a visually coherent way.

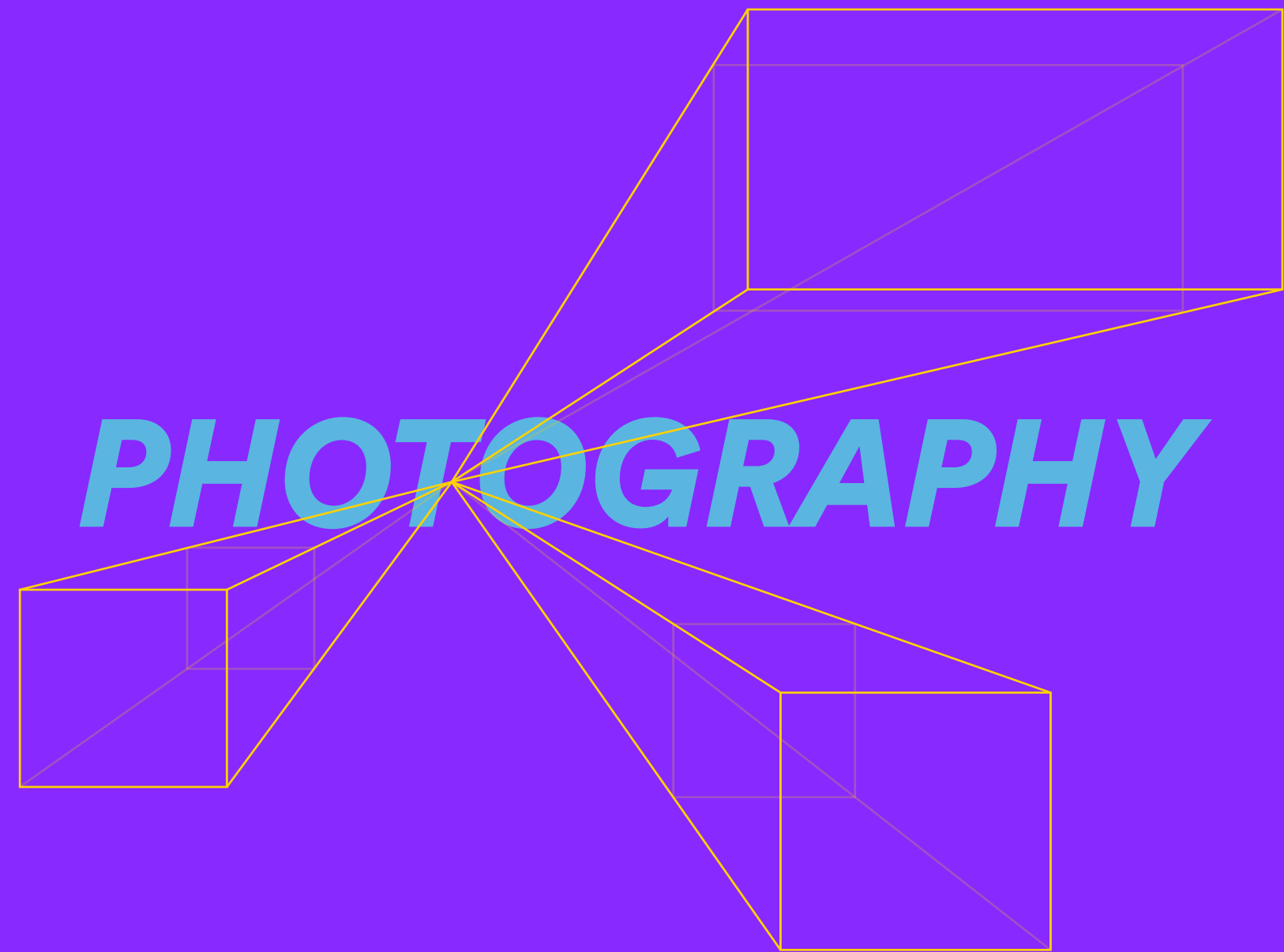




## ***Beep Beep***

Publication design for my M.A. degree show titled BEEP BEEP. My peers and I designed, collected and set materials from students, and coordinated logistics with printers. We included elements of Morse code across the book (because beep beep), and also added an AR function where scanning images with an app would lead to additional audiovisual content.

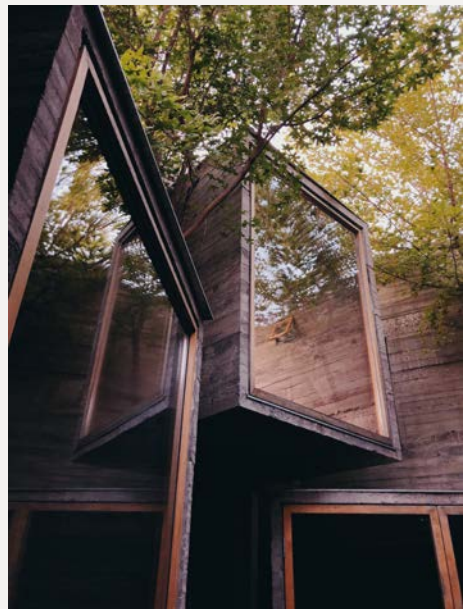
Team: Claudia Palcova, Jingyi Sun, Jiuming Duan, Ozge Kayaaslan





## Architecture

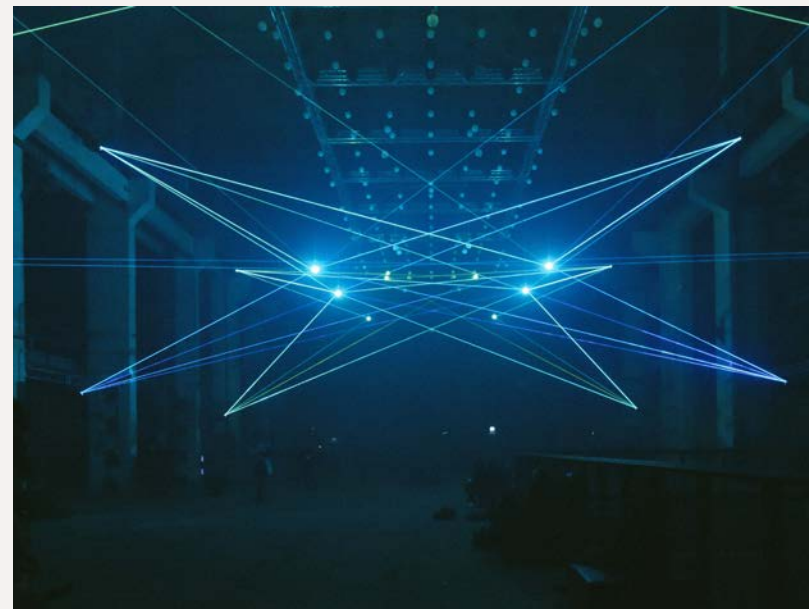
Building facades and interior spaces are also favorite subjects of mine. Architecture can both tell tales of what was and dreams of what could be. The choice to photograph is to situate these spaces within my frame and time, and to create a dialogue between my composition and the architect's.





## Bright Lights

There is a certain spontaneity and rhythm to how light flows, which makes photographing light a game testing both reflex and endurance. I really enjoy being able to capture fleeting moments, or waiting for the perfect light to create something magical.





## Landscapes

My initial interest in the concept of photography began with taking photos of landscapes both natural and urban. For me, photos that fall under this category serve a documentary purpose, as a visual journal of my travels and daily life, and as memorabilia of special places and events.

