

# Jingjie Chen

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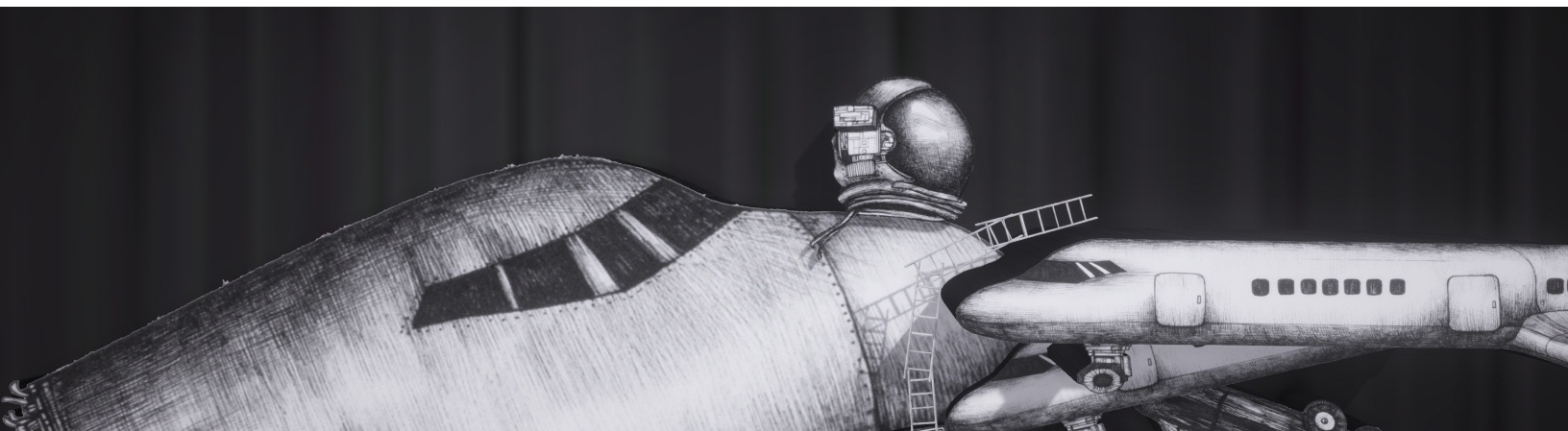
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CA 90024

Jingjie Chen is interested in using technology to explore the intersections of dream and reality, memories and emotions to create worlds and expressions that can expose phenomenons of our consciousness that we ourselves are unaware of.

## SKILLS

- Adobe Photoshop, Illustrator, InDesign, Premier, AfterEffects, Unity, Cinema4D
- HTML&CSS, Javascript, Processing, C#
- English, Chinese, Japanese



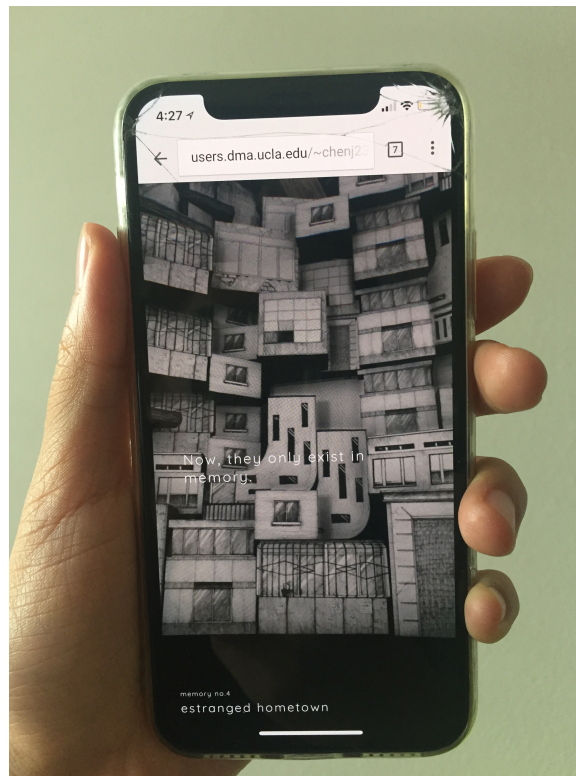
## Senior Project

# Traces of My Existence

In this growing tech-dominant world, data about our life is constantly being recorded. Will there be a day, when we no longer exist in this world, all we have left are these data that tell our stories? These data might be the only traces of our existence. But how much can data represent a person? Are there ways to close the gap between data and a person's complex, emotional world? How can data about me translate my existence?

This project is a kinetic data visualization installation that attempts to translate quantitative data into emotional stories. 7 types of data about a day in my life are recorded (rate of breathing, heartbeat, commuting, dreaming, etc.), and 7 corresponding sculptures hang from the ceiling to represent these data. Whenever an event happens, the corresponding sculpture exerts a subtle movement. On each sculpture there is a QR code. Audience can scan these to access a piece of memory or emotion I have about that particular type of activity in my life.

process:





## Other Projects

### Colibri Kites

2017



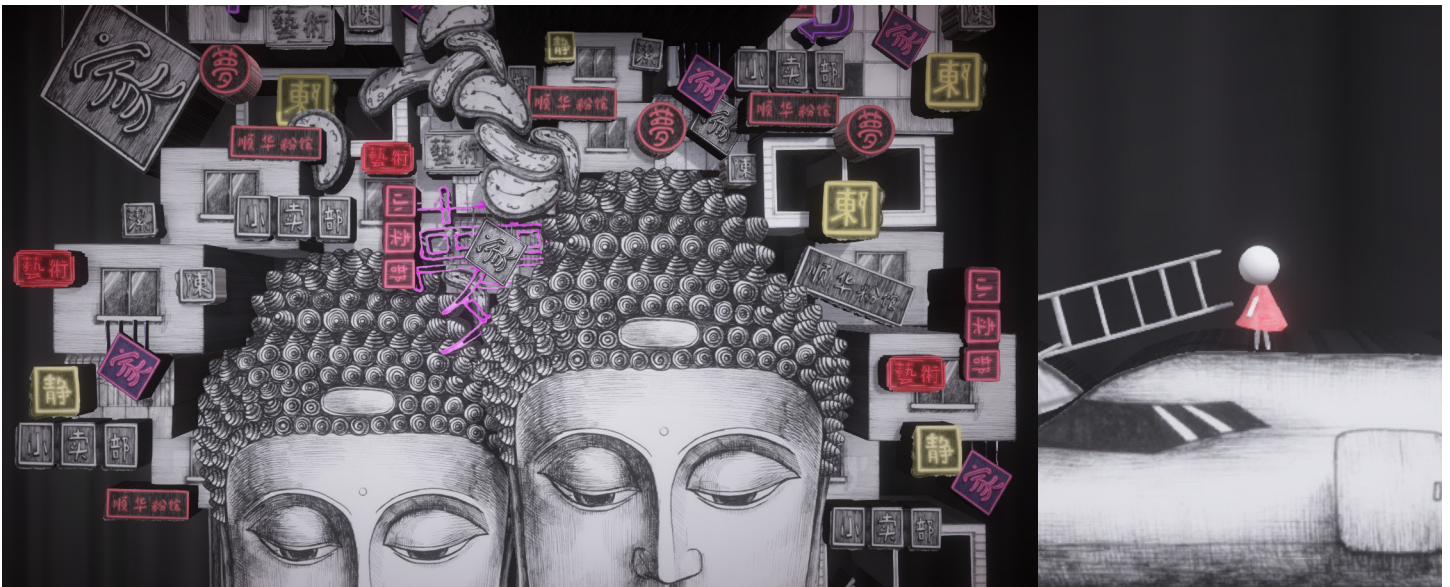
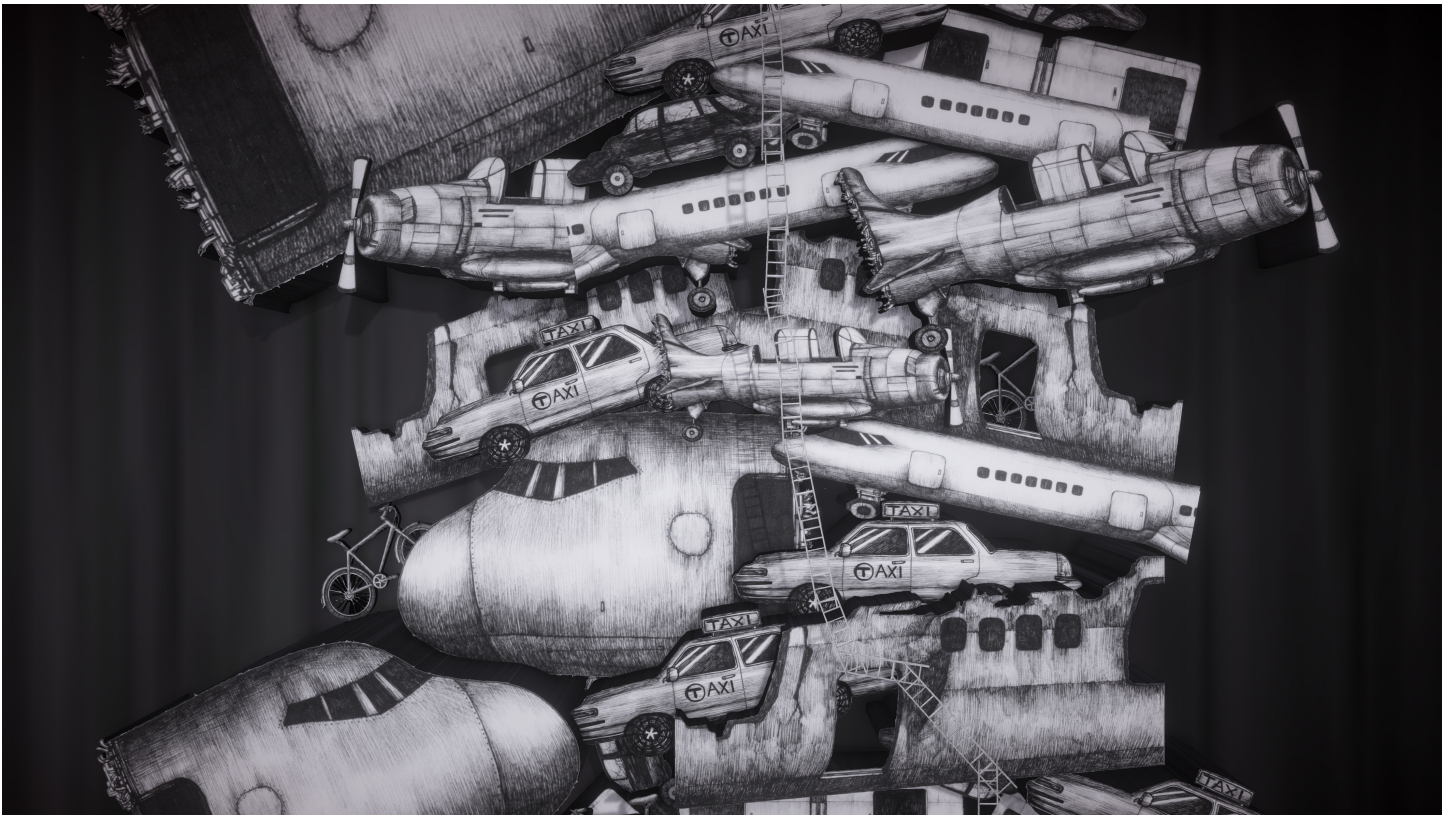
The Colibri Kites project is both a poetic gesture and memorial event to commemorate the undocumented migrants who died while crossing the US-Mexican border. In this speculative social campaign, I created "The Colibri Kites Foundation" to hold an memorial event for the lost, undocumented border migrants and their families. Each migrant is a colibri, meaning hummingbird in Spanish, and each colibri takes the form of a kite. On the event day, thousands of Colibri Kites go up in the sky, to mourn the deceased migrants. As the kites fly, the family members feeling the pull on the threads as they would feel that their loved ones' soul has really come back. With this emotional and poetic gesture, I wish to draw attention to the issue of border immigration and show the perspectives of the ordinary families of the border crossers, and remind people that it is not an illegal immigration condition, but a human condition that everyone can resonate with.

In this process, I did a lot of research on mexican immigration and the stories of the border crossers. According to my research, I landed on the idea of using "colibri" and kites as a metaphor for the migrants. I then designed the kites, printed the kite face, handmade the kites with paper, wood, and thread, and took them to the Mexico-US border to fly and film. In the end I have a series of photographs, a promotional video for the campaign, as well as a demo website that illustrates the whole story and process.



# Empty Dreams

2018

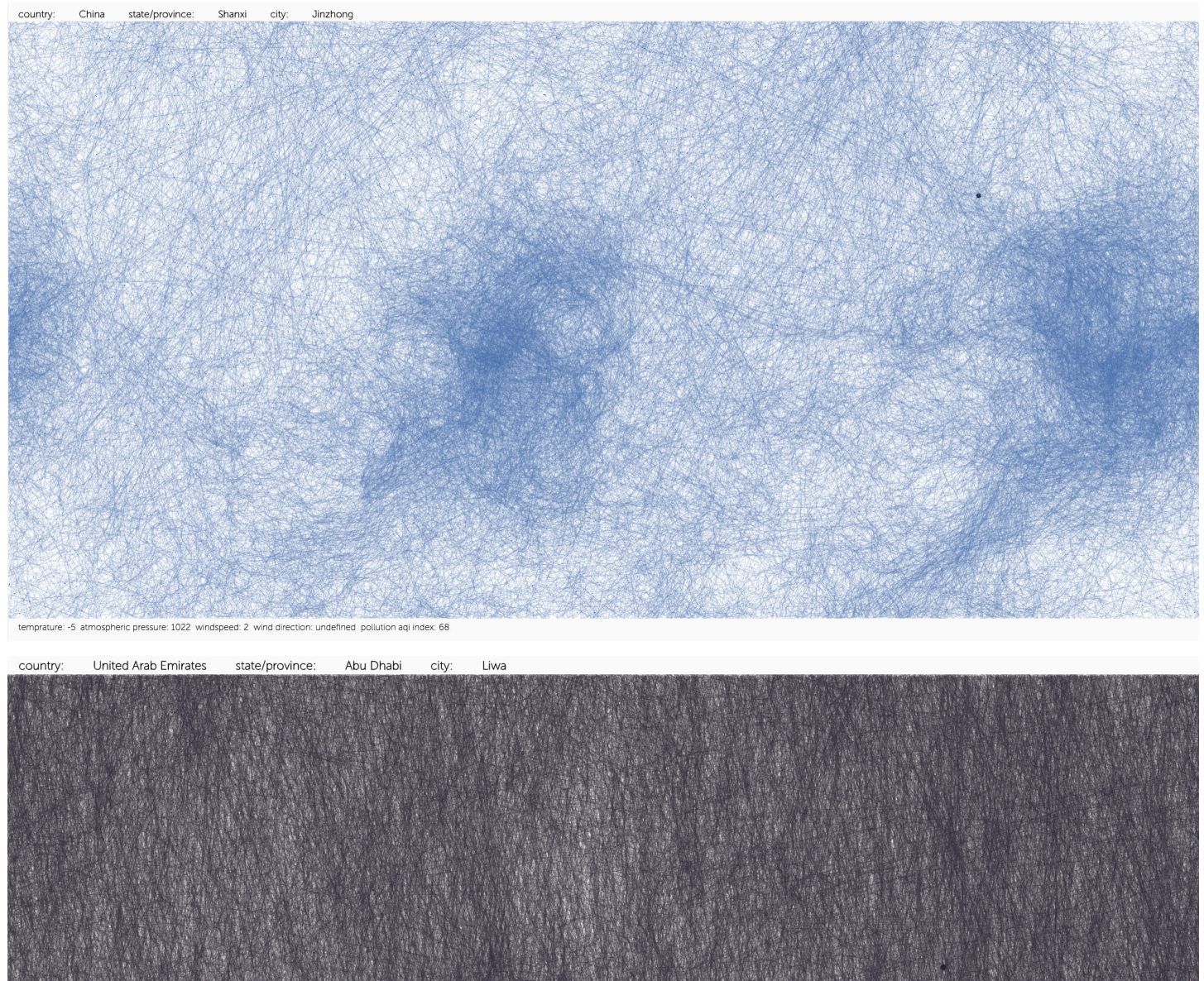


Empty Dreams is a journey about finding oneself, about heading towards destinations that are origins. It is a narrative experience where the player explores a world of consciousness and memories. The elements that construct this world are drawn from fragments of memories and emotions, which are somewhat autobiographical of my own experience. Player wakes up in a forest, and starts climbing up a giant mountain of memory fragments and subconscious symbols. Through exploring the world alone, players get a vague sense of the narrative structures and emotional undertones. Player encounters an imaginary friend once in a while, and he will reveal more about the memories, identity, and philosophies behind the construction of this mountain of consciousness.



# Breathe

2017



“Breathe” is an real-time air quality data visualization web app that lets you feel the air quality of any city in the world. It turns the screen into a mass of breathing air, and through the various visualizations users can empathize with the suffocating effects of polluted air and refreshing clean air.

This Web App uses the AirVisual API. An invisible world map hides on screen and the user can click anywhere on screen to see if there is an Air Visual air quality station around that Lat/Lon coordinate. The nicer the air quality, the greener, lighter the screen will appear; the worse the air quality, the darker and more suffocating the screen.

The color of the screen reflects the temperature of the location selected: The warmer the redder, the colder the bluer.

The particle flowing direction determines the current wind direction.

The particle amount reflects the atmospheric pressure and pollution index.

The particle moving speed reflects the speed of the wind.