

# CHUYI ZHANG

code. design. and remix

*Hi, this is Chuyi \**

On being a creative coder, front-end developer, and UX designer.

New York University Shanghai, Class of 2020  
Major in Interactive Media Arts, minor in Computer Science

**1. CREATIVE CODING**

**2. GRAPHIC DESIGN**

**3. UI DESIGN**

**4. OTHERS**

# THE SOUND OF POSEIDON



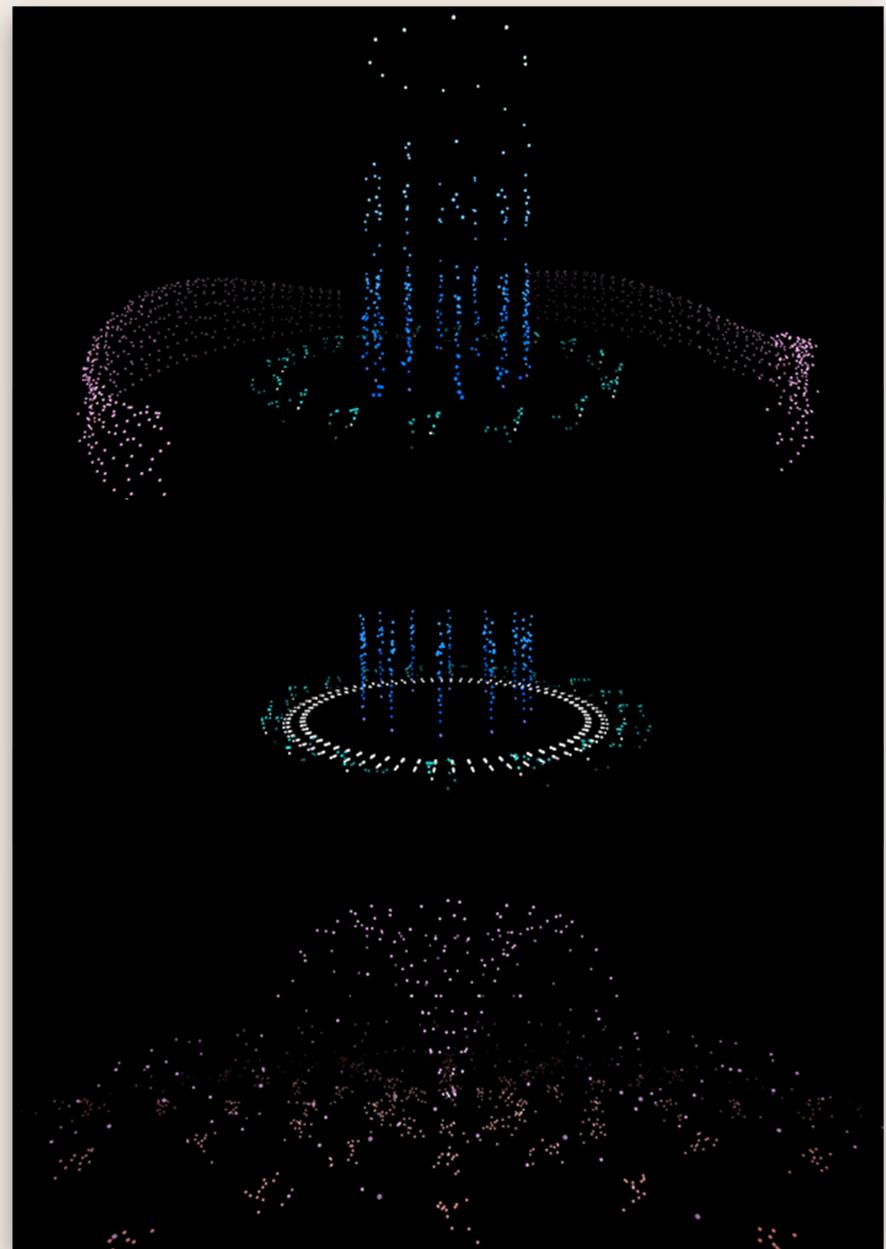
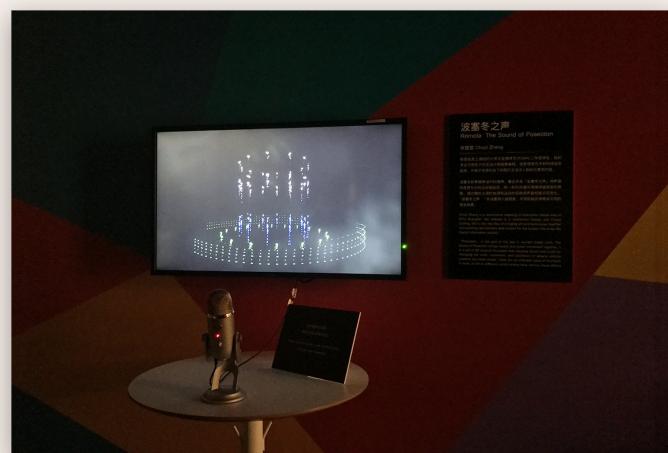
p5.js, music visualization

*This project was put on the INFINITE New Born Exhibition in MixCity.*

*Link: <https://shanghai.nyu.edu/news/infinite-dimensions>*

Poseidon is the god of the sea in ancient Greek myth.

The Sound of Poseidon brings sound and water movement together. It is a set of interactive 3D musical fountains that visualize sound and music by changing the color, movement, and oscillation of several particle systems (as water drops). The audience can give a sound or music through microphone, and see how it affects the fountains.



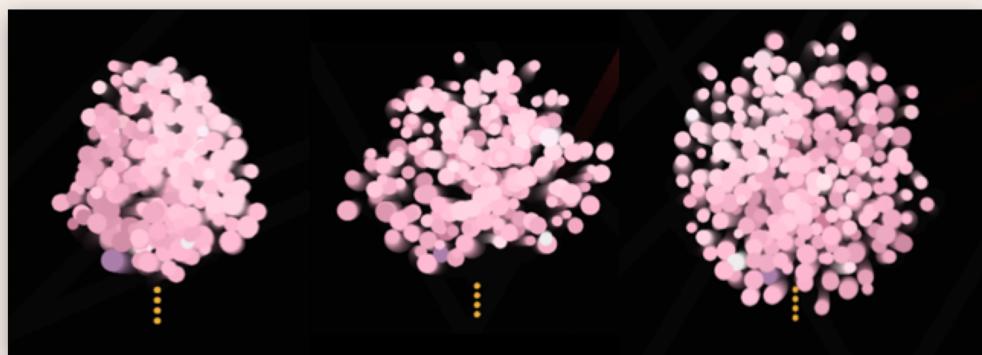
*Various Fountains in the Sound of Poseidon*

# TASTE



p5.js, visualization

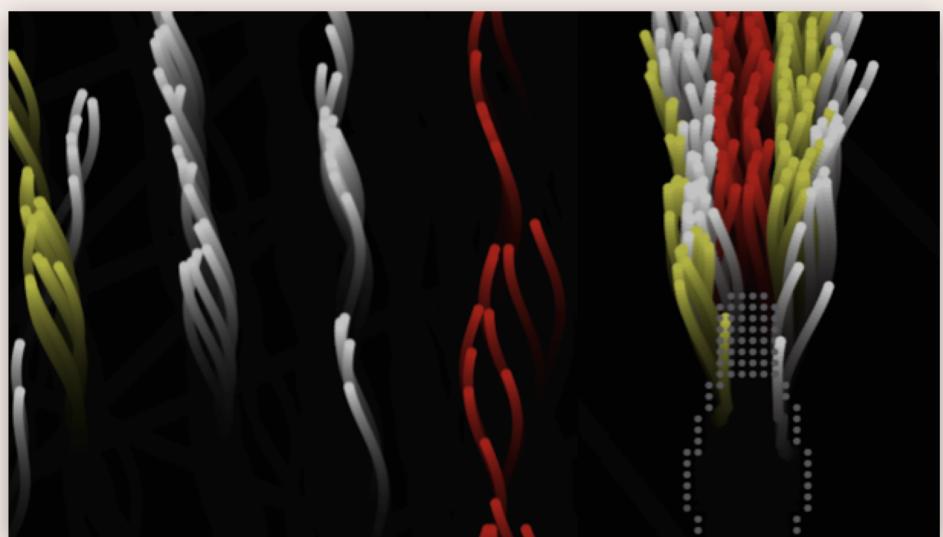
Inspired by one scene in Ratatouille, *taste* aims at visualizing the taste of food using colors and movements of particles. All effects are realized by physical simulations using p5.js. Through this project I would like to offer an immersive journey for the user to discover tastes of food in a visualized way. The particles have different colors, shapes, and movements that represent the taste.



cotton candy



strawberry



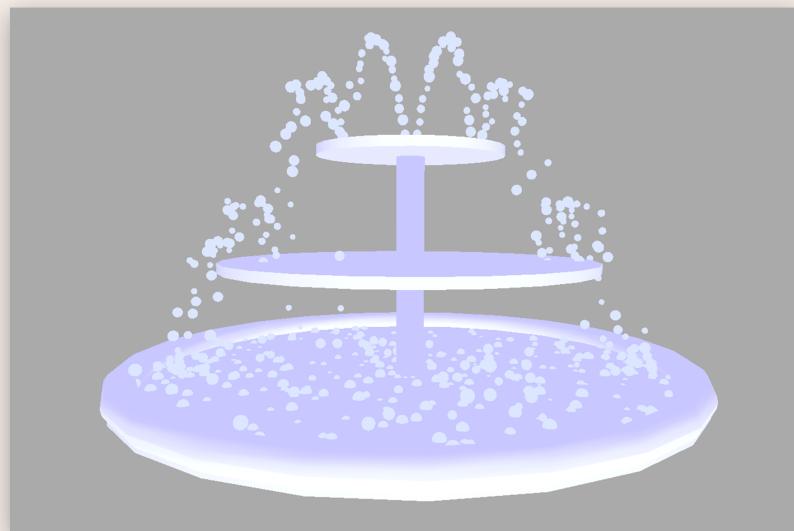
cola

## DIGITAL FOUNTAIN



p5.js, reality similation

This is a 3D digital musical fountain written in p5.js.  
As a reality simulation, this little project aims at  
restoring the dream-like scene in girl's dream.

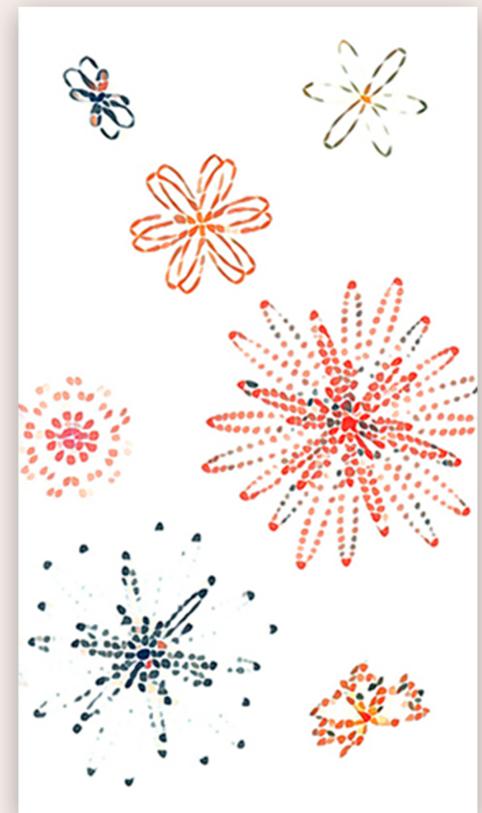
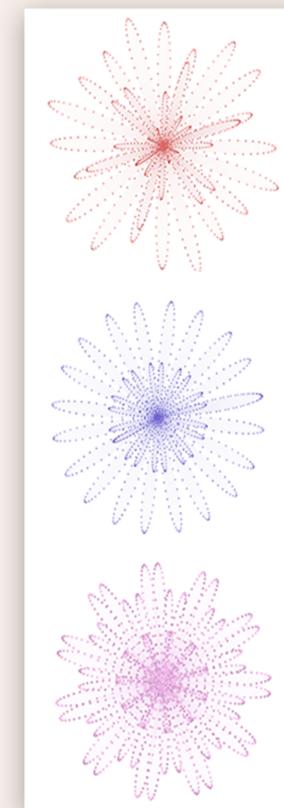
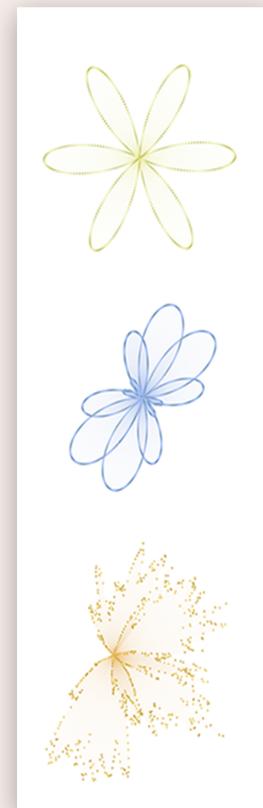


## FLOWERS



p5.js, natural simulation

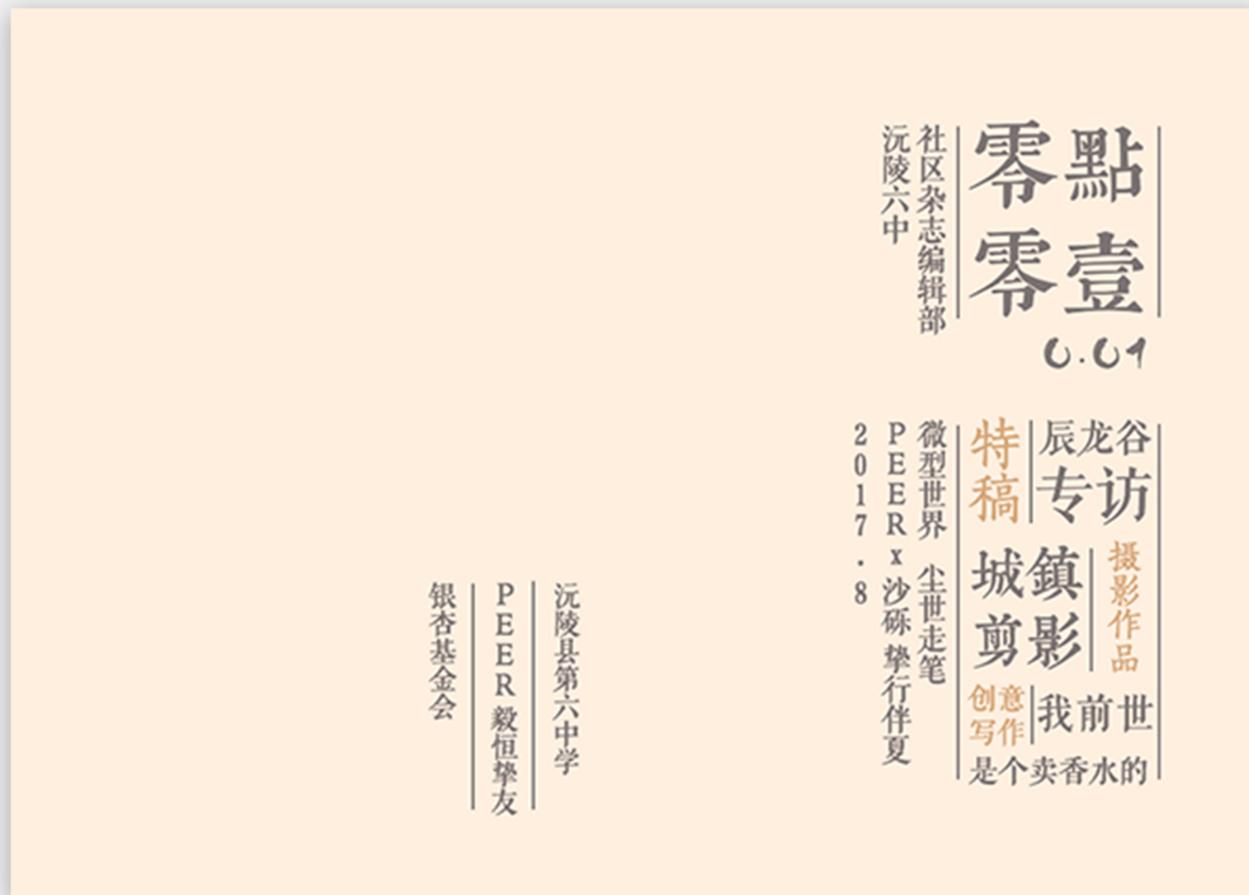
All these patterns and flowers are generated by code.



# MAGAZINE COVER



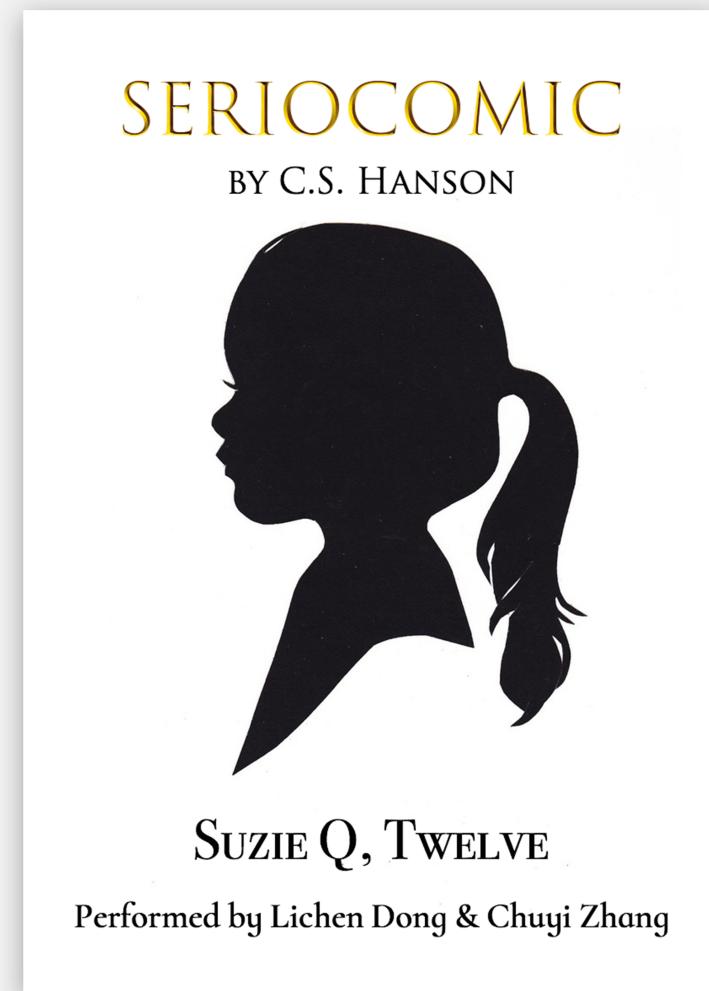
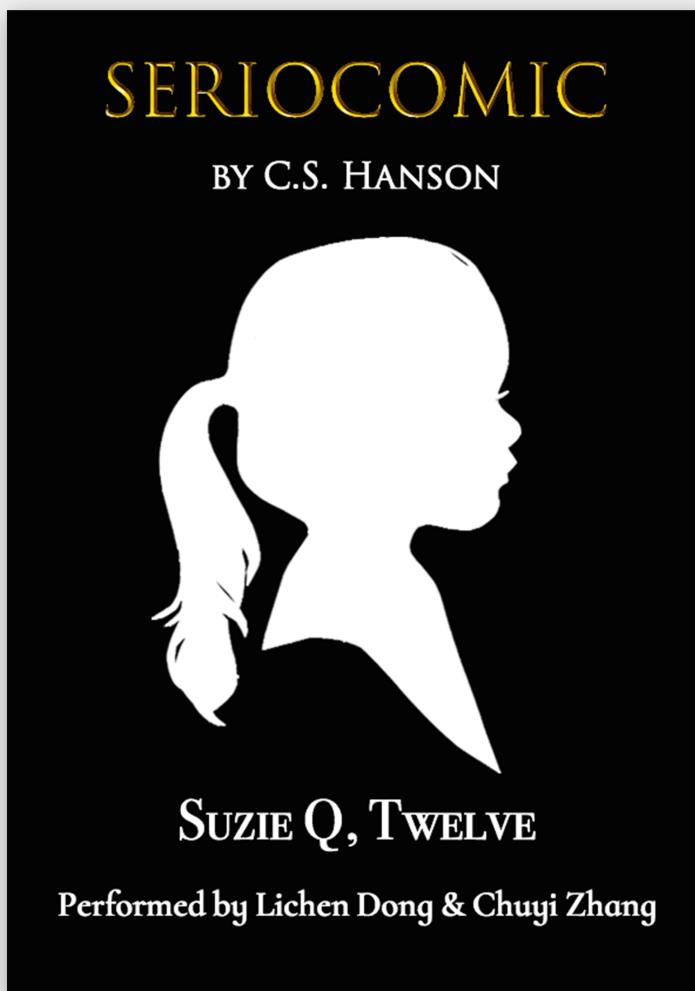
I designed this series of magazine covers during a summer camp in Yuanling No.6 Middle School. As a volunteer, my job was to instruct the students to collect the stories around their neighborhood and make a magazine about them. I tried various styles and enjoyed the process. Finally, the first one was chosen by the students.



# ACTING PERFORMANCE POSTERS

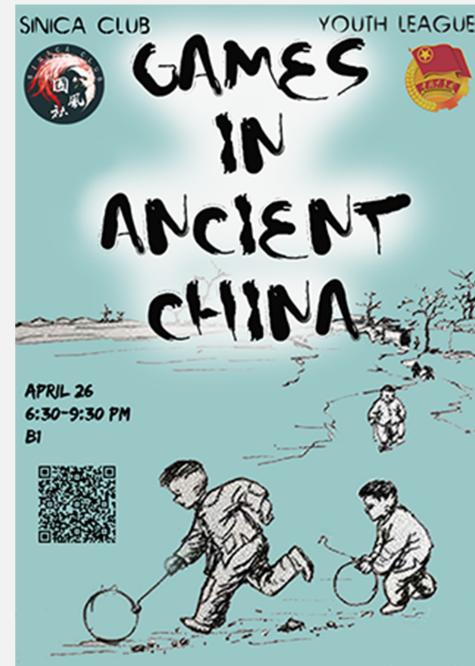
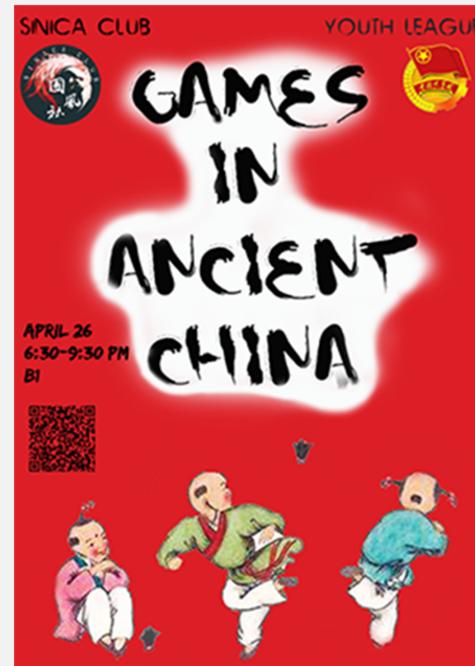


I designed these two posters for me and my partner in our double-speak performance. The mirror design aimed at showing this special concept: We acted as a twelve year old girl who gives a long monologue, and took turns to do the performing and the speech.



# CLUB PROMOTIONS

This series of posters and namecards were designed for our SINICA club event: Games in Ancient China. I chose several ancient Chinese game elements to highlight the event content. Traditional Chinese colors were also used to convey the old feelings.



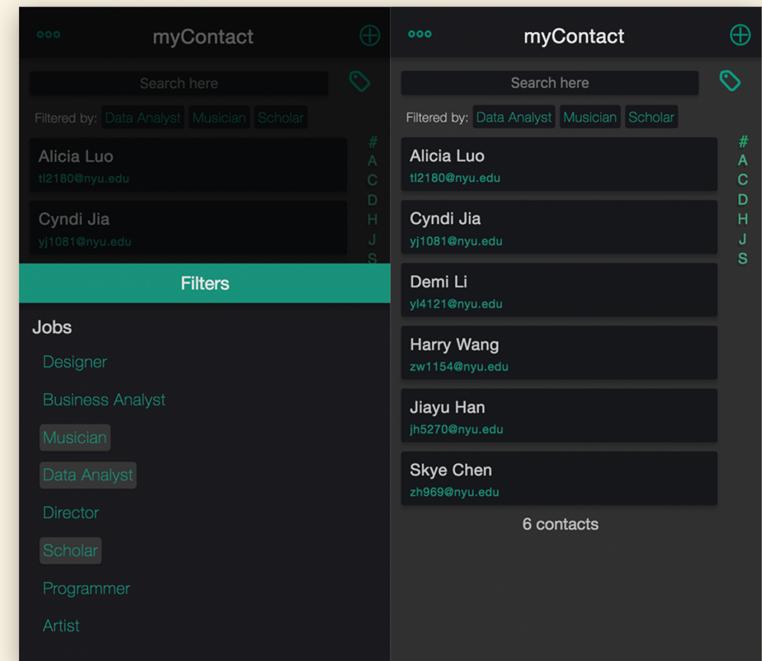
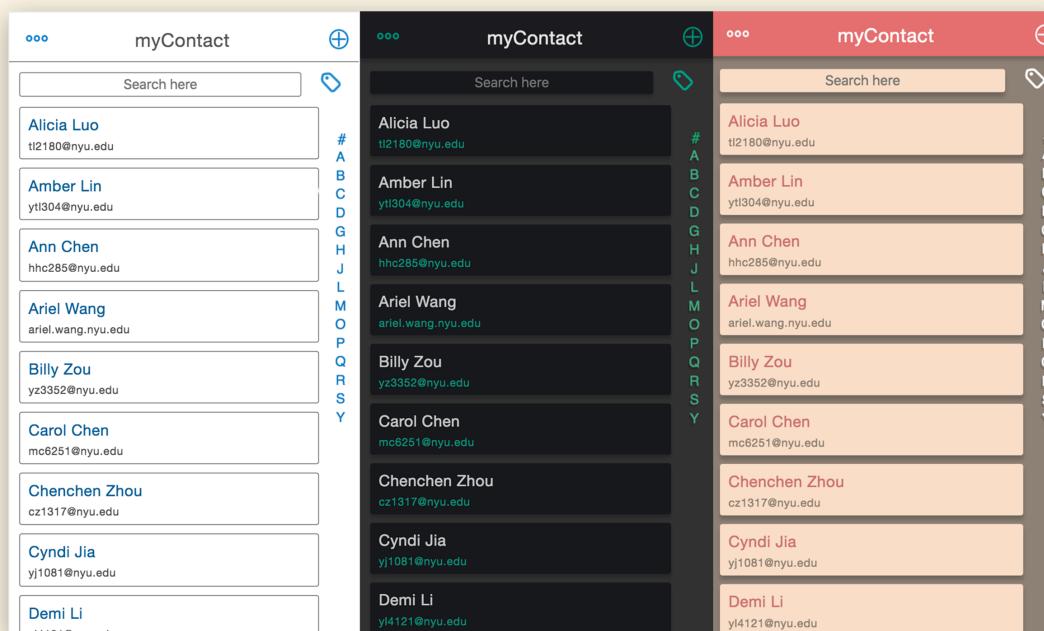
# MYCONTACT



React.js

myContact is a simple mobile contact app written in React.js. The app offers various options to change the preview, the sorting method and the color style.

I call the app myContact because one main thing I want to elaborate here is the user's control over this app about what content and what style they would like to see.

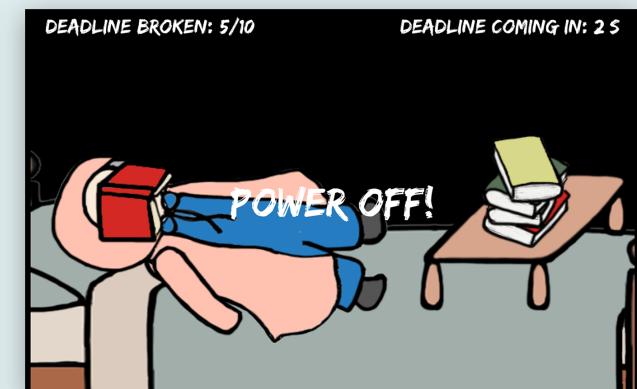
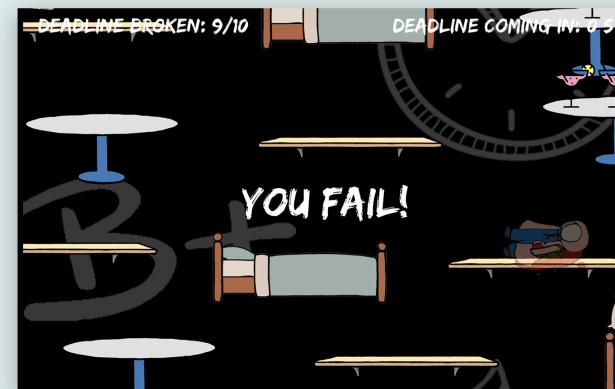
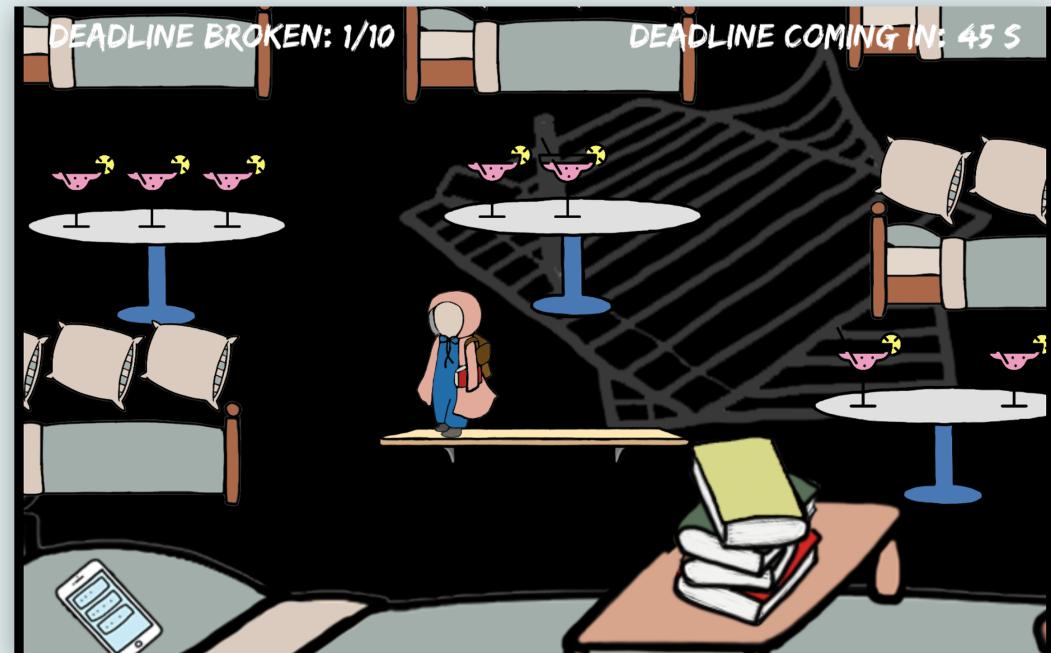


In the meantime, I realize it is equally important not to give users too much work so that they get confused. That's why I hide the "options" menu in a button. I use a clean, clear, and pretty traditional layout to enhance affordance and accessibility of the functionalities.

# THE 3S



The 3S is a game that wants to show how a student manages to handle the balance between Study, Social, and Sleep. These three essential activities are inter-related. Each activity has an advantage that triggers the student to do it while spending unequal time on the three leads to bad results. The objective for the player is to help the student maintain a balanced life through a semester.



# THE WATER POINTS



Javascript

This is a project that visualizes the water pollution situation in Zhujiang, China.  
The little points represent the monthly water qualities of all the rivers.

