***My web app link:*** [***https://heyingw.github.io/***](https://heyingw.github.io/)

***My project files:*** [***https://github.com/heyingw/heyingw.github.io***](https://github.com/heyingw/heyingw.github.io)

***a. (5 pts) ​Part 1:​ In 300 words (only!) describe your website (We will stop reading at 300 words, so please be concise). Include the following:***

1. ***What is the purpose of your website?***

My purpose is to show my art works in a concise, clear, and logical way. I want my future employers, or anyone who is interested in my website to know about my art style, my interests, and my wide-ranging skill set.

1. ***What information do you convey with your website?***

I include a collection of my art works, which can be viewed as a whole in the “view all mode” or viewed by specific genre. It’s a wide-ranging collection showing my art skills and explorations in different areas, such as sketch, paintings, designs, sculptures, and programming projects. I also include some information about myself, such as my skill set, education, and my dream career, which the future employers may want to know. My contact information is included in the contact me page.

1. ***How is it interesting and engaging?***

Animations such as shooting star effects on the welcome page are implemented to make it more visually pleasing and draw audience’s interests. The buttons are all responsive and interactive: they will change colors, positions, and have animated effects when the users click or mouse over the them. The changing colors echo with the shooting stars on the welcome page, which conveys the concepts of my website: engaging, dynamic, mysterious, and interactive.

1. ***Who is the target audience?***

The target audience will be my future employers, so I want to keep the website clear and concise, leaving out unnecessary or less important information. The website should allow the audience to view the information that they’re interested in conveniently and quickly.

1. ***(5 pts) ​Part 2:​ Use a bulleted list to describe how a user would interact with your website. For each item in your list, say*** 
   1. ***the interaction type you implemented***

Instructing--choosing or selecting an item on page:

1. selecting “welcome” button

2. selecting items in the navigation bar: view work, contact, and about me.

3. selecting a genre to view works or view all the works

Manipulating: changing the properties of an item on my page:

4. mouse over the “welcome” button

5. mouse over items in the navigation bar: view work, contact, and about me.

6. mouse over the genre boxes saying “view all”, “painting”, “design”, etc.

* 1. ***how I should reproduce it (i.e. click on X on page Y, or scroll on page X, etc.)*** 
     1. The shooting stars and fireworks are animated automatically on the welcome page (index page). Just linger on the welcome page to see the effects.
     2. Mouse over the welcome button on the welcome page (index page) to see how it glows and changes colors.
     3. Click the welcome button to go to the homepage.
     4. On the homepage, you are in “view work mode”, as indicated by the first button in the navigation bar. Click on the other two buttons to see things about me and my contact information.
     5. Go back to the homepage and mouse over the boxes which indicate categories. You can see the boxes “jump up” a little to respond to the user’s action.
     6. You can choose a genre by clicking the box, or you can simply click the view all box to see all my art.

1. ***(4 pts) ​Part 3:​ Describe what external tool you used (JavaScript library, Web API, animations, or other). Following the bulleted list format below, reply to each of the prompts. (I will stop reading at the 4th sentence, so please be concise)***

***a. Name of tool***

I used Masonry library

***b. Why you chose to use it? (2-4 sentences max)***

It’s a handy tool to create the masonry layout. Masonry layout is very popular these days, and it’s very responsive to changes in screen size.

***c. How you used it? (2-4 sentences max)***

The width of each image is set to be the 340px (including the margins) while the height adjusts to the width, so the images will show various height yet the same width, creating that Pinterest masonry layout.

***d. What it adds to your website? (2-4 sentences max)***

I think it definitely makes my website look more professional as the layout is what audience will see on popular picture gallery websites like Pinterest. It makes the picture gallery look very well-organized.

***(2 pts) ​Part 4:​ Describe how you iterated on your HW7 mockups, if at all, including any changes you made to your original design while you were implementing your website. (2-4 sentences max)***

* + 1. I do like how my UI looks like in homework 7, but after some user-testing it seems that having a character going out of a door to represent leaving the web page is confusing to some audience
    2. In homework 8, the website looks more organized and clearer with the grid style. I still want to keep the fun and lighthearted mood in the design of homework 7, so I add lots of animations to homework 8.

***(2 pts) ​Part 5:​ What challenges did you experience in implementing your website? (2-4 sentences max)***

I had some difficulties in implementing the masonry layout. The page didn’t look right (images overlapped) at first and then I realized it was because I miscalculated the width of every grid item. Generally I think I did much better job than my Bon Bon Bake Shop website. My Html, CSS, JS, and image files are more organized, and I didn’t encounter many difficulties this time.