

Desired screen sizes: 1200px width, 475 px width

## **Part 1: Website Description**

The purpose of my website is to display my projects as a personal portfolio and to market myself to recruiters, as well as serve as a general collective of all my past work. Because it is a compilation of my previous work, it includes information on the type of projects I have worked on as well as my process throughout some of these projects. It contains mostly UI/UX projects because that is what I want to apply for, but also includes a few animation and coding projects to display my range. For each project, it lists the skills I used or gained by partaking in the project. It also includes an about section for people to learn more about me, where I talk briefly about my current academic pursuits as well as hobbies and interests, and also include a link to my resume. As for interactivity, I added hover color changes, buttons, and hover animations (tilting) to make my website more interesting and engaging. I also added drawings to make the website more fun and cute to look at. The target audience is recruiters or people who want to learn more about me and my work.

## **Part 2: Interactions**

- Visit different project pages/descriptions
  - Navigating pages
  - Scroll to the desired project on the home page (same as the work page), and then click on the button under the project title
- Immediately being able to scroll to the final prototype
  - Quick scroll
  - Click on the “Jump to Final Product” button at the top of the project description for projects with long descriptions, and see yourself get immediately scrolled to the final prototype of the project
- Going to an about page
  - Navigating pages
  - Click on the “about” button in the navigation bar to be transported to an about page (You can also click on Information Systems and Human-Computer Interaction) on the about page to be redirected to the official CMU descriptions of my majors
- Going back to the home page
  - Navigating pages
  - Click on either the “teresa yang” logo or the “work” button in the header to navigate back to the home page
- Logo animation
  - Hover interaction

- Hover your mouse over the “teresa yang” logo to watch it animate and tilt

### **Part 3: External Tools**

- React.JS, Bootstrap, Anime.js
- I chose to use React because it is currently a popular framework commonly used in many companies, and I thought this final project would be a good opportunity for me to learn how to use it. Although it was difficult to learn, it was helpful to use the React components for repeated parts of my website (header, footer, etc) so I wouldn't have to copy paste the code to another file. I used Bootstrap because it made it more convenient to add certain styling decisions. I used anime.js as a way to make my website more interesting by adding some animation.
- I used React to reuse components throughout my website to make the codebase less confusing to go through, as well as route the pages without a “.html” at the end of each URL. I used Bootstrap to help me with resizing the website to make it responsive for different screen sizes. I used anime.js to make the title of the website (my name) tilt when the user hovers over it.
- What does it add to your website? (2-4 sentences max)

### **Part 4: Prototype Iteration**

In my original design, I planned to have a drop down menu that separated the projects based on the type of project they were. However, since I have mainly UI/UX design projects, and only one coding and one animation project, I felt like it was unnecessary to do so since then the page would only be populated with one project. I also re-styled the way I did my “skills” section for each of the projects, since they looked like buttons in the original design and could be confusing for viewers. To make my website more interesting, I added some drawings of myself on the pages, which was another change from my original design. Once I finished most of the styling, I decided to add some tilting animations to my header title to make the website more interactive and fun.

### **Part 5: Challenges**

Because I never used any sort of framework before, React had a really large learning curve and I needed to read up and figure out certain React concepts (ex: setting it up, using components and props) before I was able to get my website to work properly. I also struggled with being able to style parts of my code the way I wanted to, as it was difficult for me to get the margins or indentations to where I wanted them to be. I also had to figure out how to use a router to route pages to another page, which was also challenging

and took longer than I expected for me to get it to start working especially as it would randomly break. Writing out the project processes for some of the projects also took much longer than I thought it would, since I needed to write them thoughtfully and there was a lot of content to go through.

## WAVE

The screenshot shows the WAVE web accessibility evaluation tool interface. At the top, it says "powered by WebAIM". Below that, there's a toggle for "Styles: OFF" and "ON". The "Summary" tab is selected, showing a navigation bar with "Summary", "Details", "Reference", "Order", "Structure", and "Contrast". The main content area displays four categories of results: "Errors" (0), "Contrast Errors" (0), "Alerts" (4), and "Features" (8). Below these, it shows "Structural Elements" (6) and "ARIA" (2). A "View details" button is present. At the bottom, a message states: "Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility."

The screenshot shows the "Details" tab of the WAVE tool. It lists 4 Alerts and 8 Features. The Alerts section includes: "1 X No page regions", "1 X Missing first level heading", "1 X Redundant link", and "1 X Noscript element". The Features section includes: "6 X Alternative text", "1 X Linked image with alternative text", and "1 X Language". A URL "https://wave.webaim.org" is visible at the bottom left.

The screenshot shows a web page for "teresa yang". At the top, a banner says "The following apply to the entire page:" with icons for "en" and "h1". Below the name "teresa yang", there are annotations: "website logo" and "aria-current='page'". The navigation bar includes "work", "aria-current='page'", and "about". The main content area starts with "hi, i'm teresa!" followed by a paragraph: "i am a designer, programmer, and artist studying information systems and human-computer interaction at carnegie mellon university." Below this is the text "feel free to check out my work below!". There is an illustration of a person sitting at a desk with a laptop, surrounded by papers labeled "ART", "DESIGN", and "CODE". At the bottom, there are annotations: "drawing of teresa yang for the home page" and "Code".

This screenshot is identical to the one above, showing the "teresa yang" web page with the same accessibility annotations and content.

WAVE

powered by

web accessibility evaluation tool

Styles: OFF ON

Summary

Summary

Details

Reference

Order

Structure

Contrast

0

Errors

0

Contrast Errors

5

Alerts

12

Features

7

Structural Elements

0

ARIA


View details

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

The following apply to the entire page.

teresa yang

work about



Vagary screens

Vagary

Fall 2022  
Team Members: Stephen Tao, Jessica Lai, Yifei Chen  
Topic: Firenze

Code

WAVE

powered by

web accessibility evaluation tool

Styles: OFF ON

Details

Summary

Details

Reference

Order

Structure

Contrast

5 Alerts

1 X A nearby image has the same alternative text

1 X No page regions

1 X Missing first level heading

1 X Redundant link

1 X Noscript element

12 Features

8 X Alternative text

1 X Linked image with alternative text

1 X Skip link

1 X Skip link target

1 X Language


7 Structural Elements

1 X Heading level 2

The following apply to the entire page.

teresa yang

work about



Vagary screens

Vagary

**WAVE** powered by **WebAIM**  
web accessibility evaluation tool

Styles: OFF ☐ ON ☒

### Summary

Summary Details Reference Order Structure Contrast

0 Errors	0 Contrast Errors
4 Alerts	3 Features
2 Structural Elements	0 ARIA

[View details](#)

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

**WAVE** powered by **WebAIM**  
web accessibility evaluation tool

Styles: OFF ☐ ON ☒

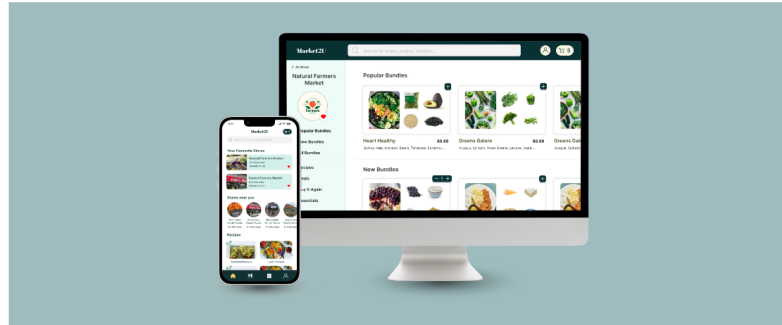
### Details

Summary Details Reference Order Structure Contrast

- 4 Alerts**
  - 1 X No page regions
  - 1 X Missing first level heading
  - 1 X Redundant link
  - 1 X Noscript element
- 3 Features**
  - 1 X Alternative text
  - 1 X Linked image with alternative text
  - 1 X Language
- 2 Structural Elements**
  - 1 X Heading level 2
  - 1 X inline frame

teresa yang

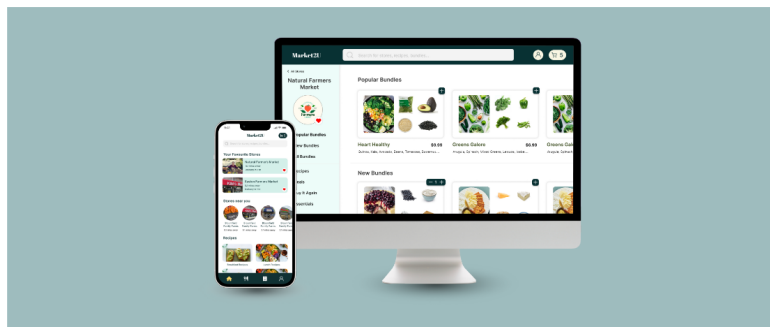
work about



Fall 2022

teresa yang

work about



**WAVE** web accessibility evaluation tool powered by **WebAIM**

Styles: OFF ☒ ON

### Summary

Summary Details Reference Order Structure Contrast

Errors: 0	Contrast Errors: 0
Alerts: 4	Features: 14
Structural Elements: 10	ARIA: 2

[View details](#)

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**WAVE** web accessibility evaluation tool powered by **WebAIM**

Styles: OFF ☒ ON

### Details

Summary Details Reference Order Structure Contrast

**4 Alerts**

- 1 X No page regions
- 1 X Missing first level heading
- 1 X Redundant link
- 1 X Noscript element

**14 Features**

- 10 X Alternative text
- 1 X Linked image with alternative text

The following apply to the entire page:

**teresa yang** **website logo** **aria** **aria-current="page"**

work **aria** **aria-current="page"** about


**internet cookies banner** **Code**

The following apply to the entire page:

**teresa yang** **website logo** **aria** **aria-current="page"**

work **aria** **aria-current="page"** about

**internet cookies banner** **Code**




powered by  
WebAIM


web accessibility evaluation tool

Styles: OFF ☐ ON ☒


Summary




Summary




Details




Reference




Order



Structure




Contrast




0

Errors




0

Contrast Errors




5

Alerts




6

Features



4

Structural Elements




2

ARIA

View details >

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.




powered by  
WebAIM


web accessibility evaluation tool

Styles: OFF ☐ ON ☒


Details




Summary




Details




Reference




Order




Structure




Contrast




5 Alerts




1 X No page regions




1 X Missing first level heading




1 X Redundant link




1 X Noscript element




1 X YouTube video



6 Features




2 X Alternative text




1 X Linked image with alternative text


The following apply to the entire page:



website logo




aria



aria-current="page"

teresa yang

work


aria

aria-current="page"


about

week of 5-2-21

sunday	monday	tuesday	wednesday	thursday	friday	saturday
<div>class 9:00-9:00</div>			<div>interview 9:25-10:00</div>			
<div>study for 112 5:00-8:00</div>				<div></div>		<div>interview 7:00-8:00</div>
	<div>drink water 9:00-10:00</div>					




screenshot of calendar application




Code


The following apply to the entire page:



website logo




aria



aria-current="page"

teresa yang

work


aria

aria-current="page"


about

week of 5-2-21

sunday	monday	tuesday	wednesday	thursday	friday	saturday
<div>class 9:00-9:00</div>			<div>interview 9:25-10:00</div>			
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screenshot of calendar application




Code


The following apply to the entire page:



website logo




aria



aria-current="page"

teresa yang

work


aria

aria-current="page"


about

week of 5-2-21

sunday	monday	tuesday	wednesday	thursday	friday	saturday
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screenshot of calendar application









Code

**WAVE** powered by **WebAIM**  
web accessibility evaluation tool

Styles: OFF ☐ ON ☒

### Summary

Summary Details Reference Order Structure Contrast

 0 Errors	 0 Contrast Errors
 5 Alerts	 2 Features
 3 Structural Elements	 2 ARIA

[View details >](#)



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web accessibility evaluation tool



Styles: OFF ☐ ON ☒





### Details



Summary Details Reference Order Structure Contrast

- ☒  5 Alerts
  - ☒ 1 X No page regions
  - ☒ 1 X Missing first level heading
  - ☒ 1 X Redundant link
  - ☒ 1 X Noscript element
  - ☒ 1 X YouTube video
- ☒  2 Features
  - ☒ 1 X Linked image with alternative text
  - ☒ 1 X Language

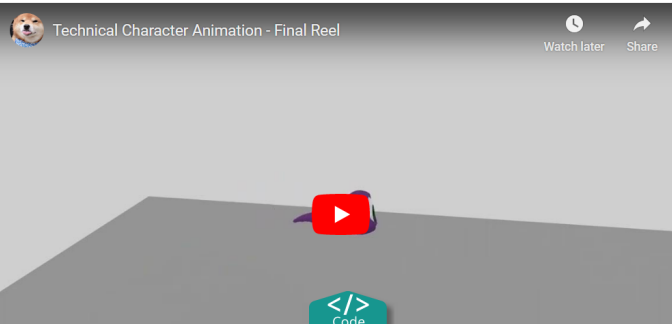
The following apply to the entire page:

 en1  h1



  `aria-current="page"`  `website logo`  `aria-current="page"`





work   `aria-current="page"` about



Technical Character Animation - Final Reel Watch later Share



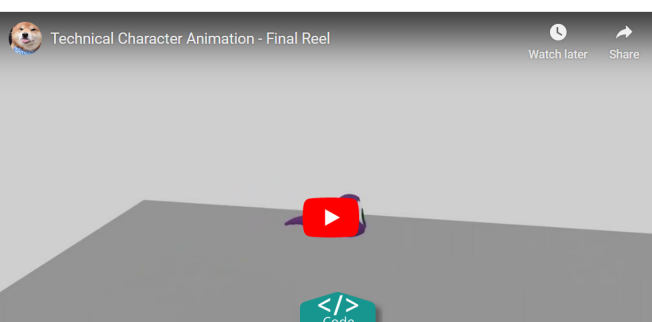
The following apply to the entire page:

 en1  h1

  `aria-current="page"`  `website logo`  `aria-current="page"`

work   `aria-current="page"` about

Technical Character Animation - Final Reel Watch later Share





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- 3 Features
  - 1 X Alternative text
  - 1 X Linked image with alternative text
  - 1 X Language

The following apply to the entire page:

# teresa yang

## About

### Hi! I'm Teresa.

I am currently a junior studying Information Systems and Human-Computer Interaction at Carnegie Mellon University. I'm interested in connecting with audiences and creating meaningful work and joy, whether it be through designing interactions, building digital spaces, or my artwork.

In my free time, I like to draw and play mobile games.

Let's connect! Feel free to reach me at [tyy@andrew.cmu.edu](mailto:tyy@andrew.cmu.edu).

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