

Annie Geng

PUI Final Project

GitHub Repository: <https://github.com/atgeng/pui-homework-template>

Deployed Website: <https://atgeng.github.io/pui-homework-template/solution-final/>

Please test with widths 1600px and 575px, thanks!

Part 1: Overview

My website is a personal portfolio meant to showcase my past projects and appeal to potential recruiters in the product management or UI/UX field. My website conveys my past projects (including one project that is upcoming and is meant to be updated at the end of this semester), the roles and lessons that I learned from them, and information about me and my skills. It is interesting and engaging because of its visual design, as there are functionalities that allow users to interact with them. For example, on the Work page there is a filtering method that allows users to filter through my projects based on my role or the type of project. This makes it easier for users to find projects that are more relevant to what they would like to know about me. There is also a toggle slider on the About page that lets users toggle between my biography and my skills and is meant to be a fun way to interact with the website. The target audience is mainly recruiters for product management or UI/UX positions.

Part 2: Interactions

- Navigation Bar Links
 - Navigate between the Home, Work, and About pages by clicking on the links
- Resume Toast Button
 - Download my resume by clicking on the Resume button in the navigation bar, which prompts a pop-up asking whether you want to download the resume or not. Clicking on the download button will download the resume, and clicking on the close button will close the pop-up.
- View Project Buttons
 - From the Home page, clicking on the View Project button will lead to the Work page.
 - From the Work page, clicking on the View Project button will lead to the page for the project
- Links on the Home page
 - The link for LinkedIn will redirect to my LinkedIn profile.
 - The link for email will open up to a new email sent to my address
 - The link for resume (on mobile view) will download my resume.
- Work Filter Buttons
 - Clicking on the filter buttons on the top of the Work page will show only the projects that meet the requirement of the filter button (ex. pressing Website Redesign will only show projects that are website redesigns)
- About Toggle
 - Switching the toggle to skills will create animation effects that show my skills
 - Switching the toggle to about will show my biography

Part 3: External Tools

jQuery: I chose to use jQuery because it allowed for more simplified syntax compared to vanilla JavaScript. It was also necessary for some of the other libraries that I was using. I used it to change the style of elements after certain interactions or for media queries. It adds functionality for the other JS libraries that I used and a simpler code.

MixItUp3: I used MixItUp3 to create the filter method on the Work page. I chose to use it because it created a seamless filter method that was convenient to use. I used it by creating a filter on the Work page and adding the filter tags to each of the project cards. It adds additional interactivity, as it allows users to find specific projects based on project type or my role in the project.

Anime.js: I used Anime.js to animate the interactions that occur when toggling the slider on the About page. I chose to use it because it was easy to comprehend and I also thought that it created a more seamless experience for the user, rather than just having an abrupt page change. I also wanted to demonstrate my JavaScript skills in my portfolio. It adds more interactivity and an improved user experience, as well as a demonstration of my skills.

Bootstrap: I chose to use Bootstrap because it simplified the process of formatting things on the website and also responsiveness. I used it to add in certain Bootstrap elements like the nav bar and the toast, and also to make my page more responsive. It adds a cleaner user interface and user experience when viewing the website on different devices.

Part 4: Iterations

I first created high-fidelity wireframes of my website before creating the website through code. I created two versions, and after receiving feedback from my peers I created a third version that was the basis for my final design. During implementation, I did not make a lot of changes to my wireframe. However, I did change some of my ideas for the About page animation. Originally, I planned on using Textillate.js to animate the text when it left the screen, but because Textillate's functionalities did not fit with my project, I decided to scrap that idea and chose to use the jQuery fadeOut function instead.

Part 5:

As I mentioned above, I had challenges with implementing Textillate.js, for my initial animation idea, which led me to pivot away from that idea. Another challenge was implementing the anime.js animation. It was difficult getting everything to perfectly align, so I tried my best but there are still minor bugs that occur but don't affect the website.

Appendix: WAVE Screenshots

The following apply to the entire page:

Address: <https://atgeng.github.io/pui-homework-temp/>

powered by [WebAIM](#)

Styles: OFF ON

Summary

Category	Count
Errors	0
Contrast Errors	2
Alerts	2
Features	3
Structural Elements	4
ARIA	5

[View details >](#)

Annie Geng  *en*

Work About Resume



Hi there, I'm Annie!
I'm an aspiring product manager and UI/UX designer

[View My Projects →](#)
or contact me through [LinkedIn](#) or [Email](#)

The following apply to the entire page:

Address: <https://atgeng.github.io/pui-homework-temp/>

powered by [WebAIM](#)

Styles: OFF ON

Details

- 2 Contrast Errors
 - 2 X Very low contrast
- 2 Alerts
 - 2 X Link to PDF document
- 3 Features
 - 2 X Alternative text
 - 1 X Language
- 4 Structural Elements
 - 1 X Heading level 1

[View details >](#)

Annie Geng  *en*

Work About Resume



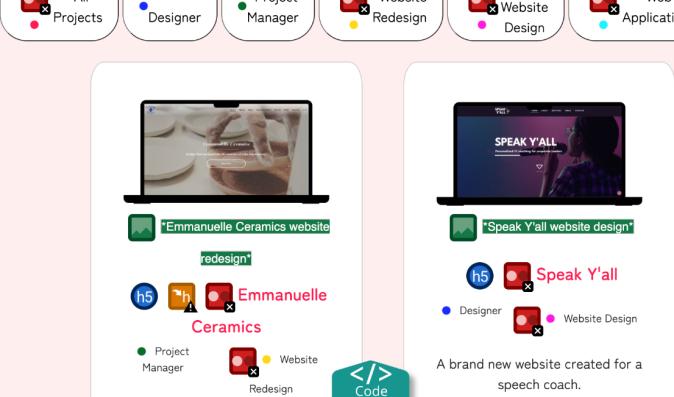
Hi there, I'm Annie!
I'm an aspiring product manager and UI/UX designer

[View My Projects →](#)
or contact me through [LinkedIn](#) or [Email](#)

The following apply to the entire page:   

Annie Geng  Work About Resume

Project Gallery



All Projects Designer Project Manager Website Redesign Website Design Web Application App Prototype

Summary

Errors	Contrast Errors
0	22

Alerts	Features
3	7

Structural Elements	ARIA
10	5

[View details](#)

Emmanuelle Ceramics website  Emmanuelle Ceramics  Website Redesign 

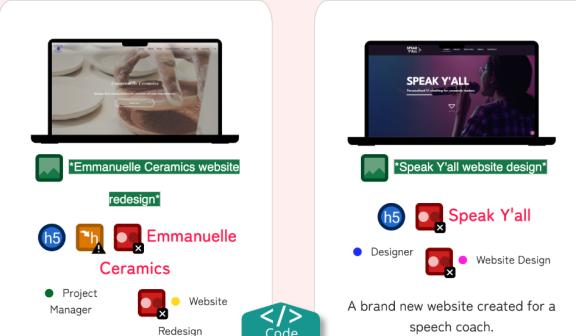
Speak Y'all website design  Speak Y'all  Website Design 

A brand new website created for a speech coach.

The following apply to the entire page:   

Annie Geng  Work About Resume

Project Gallery

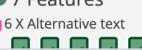


All Projects Designer Project Manager Website Redesign Website Design Web Application App Prototype

Details

22 Contrast Errors  22 X very low contrast 

3 Alerts  1 X Missing first level heading  1 X Skipped heading level  1 X Link to PDF document 

7 Features  6 Alternative text 

Emmanuelle Ceramics website  Emmanuelle Ceramics  Website Redesign 

Speak Y'all website design  Speak Y'all  Website Design 

A brand new website created for a speech coach.

The following apply to the entire page:

Styles: OFF ON

Summary

- Errors: 1
- Contrast Errors: 1
- Alerts: 2
- Features: 3
- Structural Elements: 4
- ARIA: 5

<https://wave.webaim.org>

Annie Geng Work About Resume

About Me

About Skills

Thanks for looking through my portfolio! I'm Annie, a junior at Carnegie Mellon University majoring in Business Administration, with additional majors in Human-Computer Interaction and Statistics. I love working on web development and UI/UX projects, but in my free time I also like watching Asian

```
<div id="toggle-btn">
<p>About</p>
<label class="switch">
<input id="toggler" type="checkbox" onchange="toggleCheck()">
<span class="slider round"></span>
</label>
```

Code

Skills

The following apply to the entire page:

Styles: OFF ON

Details

- Contrast Errors: 2 X Very low contrast
- Alerts: 4
- Features: 3
- Alternative text: 2 X Alternative text

<https://wave.webaim.org>

The following apply to the entire page:

Annie Geng Work About Resume

About Me

About Skills

Thanks for looking through my portfolio! I'm Annie, a junior at Carnegie Mellon University majoring in Business Administration, with additional majors in Human-Computer Interaction and Statistics. I love working on web development and UI/UX projects, but

```
<html lang="en">
<head>
<base href="https://atgeng.github.io/pui-homework-template/solution-final/projects/emmanuelle.html">
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>
Annie Geng | Emmanuelle Ceramics
</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-rbsA2V8KQhgwwxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65" crossorigin="anonymous">
```

Code

The following apply to the entire page:

Styles: OFF ON

Details

- Contrast Errors: 2 X Very low contrast
- Alerts: 4
- Features: 3
- Alternative text: 2 X Alternative text

<https://wave.webaim.org>

The following apply to the entire page:

	0	2	4	3	15	5
Errors	0	Contrast Errors	2	Features	3	ARIA
Alerts	4					
Structural Elements					15	
ARIA						5

[View details >](#)

Annie Geng Work About Resume

Emmanuelle Ceramics

A redesign of a Pittsburgh ceramic artist's website to improve business operations.

[View Website →](#)

Background

As a project manager for re:Bloom, an organization that provides minority small business owners with affordable digital solutions, I oversaw a team of two developers to develop a website for Emmanuelle Wambach, a ceramicist and small business owner.

Problem

The original website for Emmanuelle Ceramics looked very amateur and also lacked information hierarchy. Customers had expressed that they had trouble finding certain information, leading to many abandoned carts.

The following apply to the entire page:

2 Contrast Errors	2 X very low contrast
4 Alerts	1 X Skipped heading level 1 X Redundant link 1 X Link to PDF document 1 X HTML5 video or audio
3 Features	2 X Alternative text

Annie Geng Work About Resume

Emmanuelle Ceramics

A redesign of a Pittsburgh ceramic artist's website to improve business operations.

[View Website →](#)

Background

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Problem

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Note: Although there are contrast errors, it is too late for me to change my entire website's color palette. Also, there is 1 error on the About page saying there are no labels for the toggle button, but there are labels. I also did not screenshot all of the WAVEs for the rest of the project pages, but I checked to make sure there are no errors and that I included alt-text, as they are all similar formats.