

Screen sizes to test: IPad Pro and Macbook Pro

- (1) **Part 1:** In 300 words (only!) describe your website (We will stop reading at 300 words, so please be concise). Include the following:
- What is the purpose of your website?
  - What information do you convey with your website?
  - How is it interesting and engaging?
  - Who is the target audience?

For my project, I have decided to make my online portfolio. This website serves as a dynamic and technical way to showcase my professional goals and the projects I've been a part of. Its primary purpose is to present a comprehensive overview of who I am, my skills, and the diverse range of projects that define my capabilities.

I am able to convey information about my projects and my professional goals through distinct sections in order to make it more accessible and usable. The “About Me” section provides a concise yet compelling narrative, offering insights into my background and aspirations. Through a visually appealing and friendly interface, users can also navigate my “Projects” section. Here, each project is detailed to highlight the challenges faced, solutions implemented, and outcomes achieved. This not only showcases my technical proficiency but also my problem-solving and creativity.

What makes this portfolio engaging is the strategic use of animations and a thoughtfully chosen color scheme. The animations enhance visual appeal and guide the user's attention, creating an immersive experience. The color scheme is meant to reflect my personality to further represent who I am to the user.

The target audience for my portfolio is potential employers. The website caters to their needs by presenting information in a clear and concise manner, allowing them to quickly assess my qualifications and accomplishments. The engaging design ensures that the portfolio stands out.

- (2) **Part 2:** Use a bulleted list to describe how a user would interact with your website. For each item in your list, state
- the interaction type you implemented
  - how we should reproduce it (e.g., click on X on page Y, or scroll on page X, etc.)
  - Click on the explore button
    - This is the click interaction type of an animated button
    - Reproduced by clicking on “explore” on the index.html page
  - Scroll through the main page
    - This is a scroll interaction type

- It can be reproduced by the user scrolling down on the works.html page
- Hover over the buttons in the navigation menu
  - This is hiver interaction over several buttons
  - It can be reproduced each time you hover over a new button (home, about, projects, contact, resume)
- Click on a button in the navigation menu
  - This is a click interaction on a button that navigates to a different part of the same page or a pdf of my resume
  - It can be reproduced by clicking on the same button (either home, about, projects, contact, resume)
- Clicking on a project
  - This is a click interaction on a specific project button
  - It can be reproduced by navigating back to projects by clicking projects at the top and clicking on the same project button button
- Clicking back on a navigation button to go back to the main page
  - This is a click interaction
  - Reproduced each time the same button is clicked on (home, about, projects, contact, resume)
- Click on the linkedin or email logo
  - This is a click interaction that opens up an external website
  - This can be reproduced each the button is clicked (either the linkedin logo or the email logo)

- (3) **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. (We will stop reading at the 4th sentence, so please be concise)

- Name of tool
- Why you chose to use it? (2-4 sentences max)
- How you used it? (2-4 sentences max)
- What does it add to your website? (2-4 sentences max)

I used animations through lottie files. I chose to use it because their files were easy to export and implement as a json file. It also allowed me to utilize javascript since the website I chose to implement didn't need much of it. I also used keyframes in CSS and some hover/after tools to help make the website more usable and intuitive. I used the lottie files to add more creative design to help my portfolio stand out (referring to the bubble design) and to add playfulness and attention grabbing design to my projects (referring to the instagram logo and the castle gate). I used the keyframes to make a playful jump into my portfolio and the hover/after effects on the navigation bar so that the user knows what they are clicking on. I think both of these add a lot of creativity and uniqueness to my portfolio as well as usability. The design aspect helps it stand out and the usable aspect makes it more accessible.

- (4) **Part 4:** Describe how you iterated on your prototypes, if at all, including any changes you made to your original design while you were implementing your website. (4-8 sentences max)

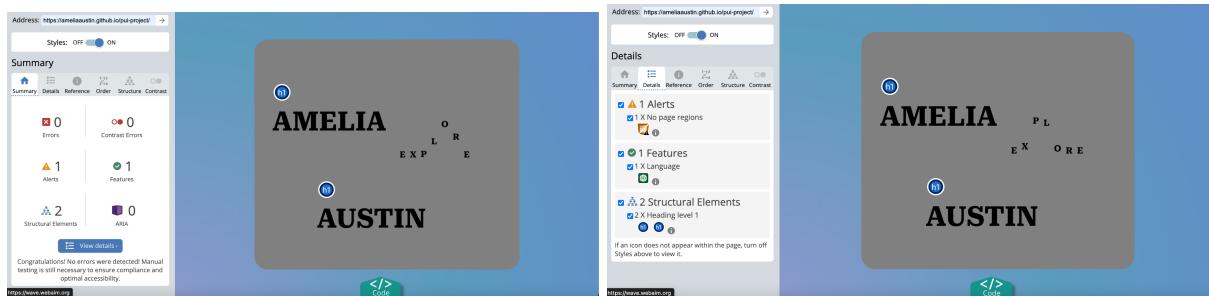
One of the first things I iterated on was the landing page after clicking on the explore button. I wanted the works.html page to be more inclusive of who I am rather than just jumping into my projects. I thought it was useful to speak about my educational background and professional goals first before getting into the work I have done. This led me to iterate on my navigation bar, including more buttons/actions to incorporate the new sections. The next thing I iterated on was my bubble animations since the original design was too difficult to implement using javascript. Lastly, instead of making the front photo for my projects pictures of the prototype I had created, I decided to make them animations because they were more intriguing for the user to click on and made my portfolio stand out more in terms of creativity.

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

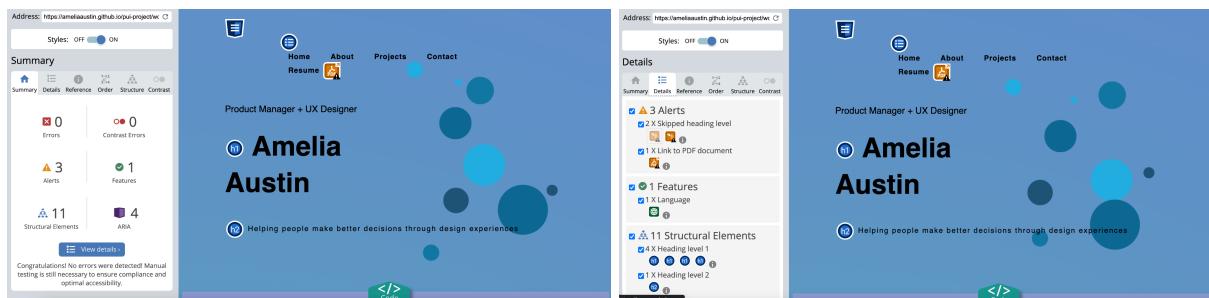
The main challenge that I faced during this project was implementing bootstrap. Since I designed both of my project htmls using bootstrap, it was difficult making sure that the storytelling of my project (the order of sections) would stack properly in different screen sizes. It was also difficult to properly structure the bubble animation. I had not understood the z-index beforehand and also had trouble placing on the right half of the screen.

#### Accessibility Check:

##### Index.html



##### Works.html



## Nofilter.html

The screenshot shows a website with a blue header and footer. The header includes navigation links for Home, About, Projects, Contact, and Resume. The footer has links for Home, About, Projects, Contact, and Resume. The main content area features several sections:

- Unmasking: Reducing Filters' Harmful Effects**
- Introduction**
- The Problem**

Below these sections, there is a note: "Many individuals now rely on filters and photo editing tools to enhance their appearance and create </> icons or image. However, this".

The left sidebar displays a summary of errors:

- Errors: 0
- Contract Errors: 0
- Alerts: 3
- Features: 3
- Structural Elements: 19
- ARIA: 0

The right sidebar shows a detailed list of findings:

- 3 Alerts
  - X A nearby image has the same alternative text
  - X Link to PDF document
  - ...
- 3 Features
  - X Alternative text
  - ...
- 19 Structural Elements
  - X Heading level 1
  - X Heading level 2
  - ...

## Castle.html

The screenshot shows a website with a blue header and footer. The header includes navigation links for Home, About, Projects, Contact, and Resume. The footer has links for Home, About, Projects, Contact, and Resume. The main content area features several sections:

- Escape The Castle**
- Our Aim**
- Targeting Socioeconomic Bias**

Below these sections, there is a note: "Socioeconomic bias can be an uncomfortable topic for anyone, especially college aged students. Our aim is to bring awareness to the topic while using the metaphor of players escaping a castle. Certain players are given advantages due to their char </> budes to how socioeconomic".

The left sidebar displays a summary of errors:

- Errors: 0
- Contract Errors: 0
- Alerts: 1
- Features: 4
- Structural Elements: 10
- ARIA: 0

The right sidebar shows a detailed list of findings:

- 1 Alerts
  - X Link to PDF document
- 4 Features
  - X Alternative text
  - ...
- 10 Structural Elements
  - X Heading level 1
  - X Heading level 2
  - ...