

Implementing a Web Portfolio: Write-Up

Eleanor Hofstedt | Final Project | PUI Fall 2021

Link to site: https://ehofstedt.github.io/assignment_8/

See Page 3 for WAVE Tool screenshots.

Part I

My website is my personal portfolio, which includes an About Me page, links to my work, and a way to contact me. On my Projects page, I have only built out one project, but if I use this portfolio in the future, I will complete the write ups for the other five projects. The project I focused on is 'Bias in Siri', and this is **intentionally** the only working link on my Projects page.

I have kept my website simple but added a few animations in the transitions in order to make it engaging. It is also designed as a UX Research portfolio, as that's my intended career path, so the project details include information about my research approach and methodology.

The target audience is recruiters and hiring managers when I apply to jobs after completing the MHCI program at CMU.

Part II

- On the 'Index' page, click the 'Enter' button to go into my portfolio
- On the 'About' page, click 'Projects' in either the top navigation bar or in the button below my About Me section. You can also open my Resume in a new tab via the 'Resume' button.
- Navigate to other sections of my site via the top navigation bar.
- On the 'Projects' page, click on the 'Bias in Siri' project in the bottom row in the middle.
 - Hover over the other projects to learn more about them.
- On the 'Bias in Siri' page, scroll through the content to read about the project
 - Click on the 'Back to Top' link at the bottom to return to the top of the page
- On the 'Contact' page, click on my email to link to an email

Part III

- Bootstrap
 - I chose to use Bootstrap because it makes it easier enables the website to be responsive
 - I use Bootstrap for the layout and alignment of my content within my portfolio.
- Animations
 - I chose to use animations to make my website more engaging
 - There are animated transitions between the pages

Part IV

I added a landing page with a landscape background and a button to enter my site. I felt this was a more aesthetically pleasing way to view my portfolio. I also changed the layout of my Contact and About pages, because it felt more natural to have the pictures on the left and the text on the right.

Part V

I found it most challenging to learn how to use Bootstrap and get the layout of my site to work in a responsive way. I spent most of my time on alignment and spacing. I also found it challenging to implement animations for the page transitions with Javascript.

Overall I'm very proud of my work and excited that I was about to build this website from scratch, despite very little coding experience coming into this course.

WAVE Accessibility Tool

Page 1: Index

Summary

The following apply to the entire page:

Styles: OFF ON

Summary

| Category | Count |
|---------------------|-------|
| Errors | 0 |
| Contrast Errors | 0 |
| Alerts | 3 |
| Features | 2 |
| Structural Elements | 3 |
| ARIA | 0 |

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

Landscape of a lake with trees and a light blue sky, which is reflected in the water of the lake. </>

Details

The following apply to the entire page:

Styles: OFF ON

Details

3 Alerts
 3 X Tabindex
 1 X Alternative text
 1 X Language

2 Features
 1 X Alternative text
 1 X Language

3 Structural Elements
 1 X Heading level 1
 1 X Inline frame
 1 X Navigation

Landscape of a lake with trees and a light blue sky, which is reflected in the water of the lake. </>

Structure

The following apply to the entire page:

Styles: OFF ON

Structure

Summary Details Reference Structure Contrast

Navigation

h1 ELEANOR HOFSTEDT

The page content shows a landscape image of a lake and mountains under a blue sky. Below the image is a button labeled 'Enter' with a right-pointing arrow icon.

Landscape of a lake with trees and a light blue sky, which is reflected in the water of the lake. </> Code

Page 2: About

Summary

The following apply to the entire page:

Styles: OFF ON

Summary

Errors 0 Contrast Errors 0

Alerts 11 Features 2

Structural Elements 3 ARIA 1

[View details >](#)

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

ELEANOR HOFSTEDT </>

About Projects Contact </> **aria-label="main navigation"**

h2 Hi, I'm Eleanor.

h2 I'm excited to meet you!

I'm a UX Researcher who's passionate accessibility and advocating for all users. I'm currently getting my Master's in HCI at Carnegie Mellon University.

I was born and raised in San Francisco, and have spent the last 4 years working Silicon Valley. When I'm not at work you can find me crocheting a hat, reading a fantasy series, or backpacking in my beautiful home state.

</> Code </> Projects

Details

WAVE web accessibility evaluation tool powered by WebAIM

Styles: OFF ON

Details

Summary Details Reference Structure Contrast

11 Alerts

- 1 X No page regions
- 1 X Missing first level heading
- 2 X Possible heading
- 1 X Link to PDF document
- 6 X Tabindex

2 Features

- 1 X Alternative text
- 1 X Language

3 Structural Elements

ELEANOR HOFSTEDT 

About Projects Contact 

Hi, I'm Eleanor.

I'm excited to meet you!

I'm a UX Researcher who's passionate accessibility and advocating for all users. I'm currently getting my Master's in HCI at Carnegie Mellon University.
I was born and raised in San Francisco, and have spent the last 4 years working Silicon Valley.
When I'm not at work you can find me crocheting a hat, reading a fantasy series, or backpacking in my beautiful home state.

Code  Projects  Resume 

Structure

WAVE web accessibility evaluation tool powered by WebAIM

Styles: OFF ON

Structure

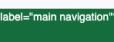
Summary Details Reference Structure Contrast

Hi, I'm Eleanor.

I'm excited to meet you!

The following apply to the entire page.

ELEANOR HOFSTEDT 

About Projects Contact 

Hi, I'm Eleanor.

I'm excited to meet you!

I'm a UX Researcher who's passionate accessibility and advocating for all users. I'm currently getting my Master's in HCI at Carnegie Mellon University.
I was born and raised in San Francisco, and have spent the last 4 years working Silicon Valley.
When I'm not at work you can find me crocheting a hat, reading a fantasy series, or backpacking in my beautiful home state.

Code  Projects  Resume 

Page 3: Projects

Summary

WAVE web accessibility evaluation tool powered by WebAIM

Styles: OFF ON

Summary

| Category | Count |
|---------------------|-------|
| Errors | 0 |
| Contrast Errors | 0 |
| Alerts | 7 |
| Features | 7 |
| Structural Elements | 1 |
| ARIA | 1 |

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

The screenshot shows the WAVE tool interface with the 'Summary' tab selected. It displays a grid of icons representing different accessibility metrics. Below the grid, there are sections for 'Alerts' and 'Features'. A note at the bottom says 'Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.'

Details

WAVE web accessibility evaluation tool powered by WebAIM

Styles: OFF ON

Details

| Category | Count |
|---------------------|-------|
| Alerts | 7 |
| Features | 7 |
| Structural Elements | 1 |
| ARIA | 1 |

The screenshot shows the WAVE tool interface with the 'Details' tab selected. It displays a grid of icons representing different accessibility issues and features. Below the grid, there are sections for 'Alerts', 'Features', 'Structural Elements', and 'ARIA'. A note at the bottom says 'Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.'

Structure

The screenshot shows the WAVE web accessibility evaluation tool interface. On the left, the 'Structure' tab is selected under the 'Summary' section. A message states: "This page has no heading structure!" Below this, there are tabs for 'Summary', 'Details', 'Reference', 'Structure', and 'Contrast'. On the right, the main content area displays three images: a mobile game interface, a sewing machine, and a messaging inbox. A green bar at the bottom indicates an 'aria-label="main navigation"' error.

*Note: There is no text on this page, only images, which is why there is no heading structure

Page 4: Bias in Siri (Individual Project Page)

Summary

The screenshot shows the WAVE web accessibility evaluation tool interface. The 'Summary' tab is selected. Key statistics are displayed: 0 Errors, 0 Contrast Errors, 2 Alerts, 7 Features, 19 Structural Elements, and 1 ARIA. A congratulatory message says: "Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility." Below this, the main content area features a dark banner with the Siri logo and the title "Fighting Algorithmic Bias in Siri". A subtitle reads: "Enabling multilingual users to rely on conversational user interfaces." At the bottom, there are sections for "Role", "Methods", "Team", and "Timeframe".

Details

The following apply to the entire page:

powered by WebAIM

ELEANOR HOFSTEDT

About Projects Contact

Styles: OFF ON

Details

Summary Details Reference Structure Contrast

2 Alerts

- 1 X Skipped heading level
- 1 X Broken same-page link

7 Features

- 6 X Alternative text
- 1 X Language

19 Structural Elements

- 1 X Heading level 1
- 2 X Heading level 2
- 6 X Heading level 3

Role

Project Manager UX Researcher

Methods

Literature Review Semi-Structured Interviews Contextual Inquiry

Team

Yun Ji Chung Sofia Kirkman Tia Lin

Timeframe

Oct 2022

Fighting Algorithmic Bias in Siri

Enabling multilingual users to rely on conversational user interfaces.

Banner

Dark grey banner with small color circle that indicates the Siri logo

Fighting Algorithmic Bias in Siri

Enabling multilingual users to rely on conversational user interfaces.

Role

Project Manager UX Researcher

Methods

Literature Review Semi-Structured Interviews Contextual Inquiry

Team

Yun Ji Chung Sofia Kirkman Tia Lin

Timeframe

Oct 2022

Structure

The following apply to the entire page:

powered by WebAIM

ELEANOR HOFSTEDT

About Projects Contact

Styles: OFF ON

Structure

Summary Details Reference Structure Contrast

Banner

Fighting Algorithmic Bias in Siri

Role

Methods

Team

Timeframe

Project Summary

The Problem

The Solution

Project Details

Research Methods

Contextual Inquiry

Fighting Algorithmic Bias in Siri

Enabling multilingual users to rely on conversational user interfaces.

Role

Project Manager UX Researcher

Methods

Literature Review Semi-Structured Interviews Contextual Inquiry

Team

Yun Ji Chung Sofia Kirkman Tia Lin

Timeframe

October-December 2021

Page 5: Contact

Summary

WAVE web accessibility evaluation tool powered by WebAIM

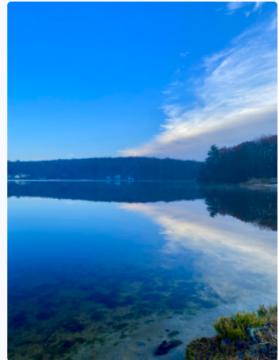
Styles: OFF ON

Summary

| Category | Count |
|---------------------|-------|
| Errors | 0 |
| Contrast Errors | 0 |
| Alerts | 2 |
| Features | 2 |
| Structural Elements | 4 |
| ARIA | 1 |

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

ELEANOR HOFSTEDT AboutProjectsContact aria-label="main navigation">Main navigation



h2 Let's get in touch.
h3 Contact
[ebhofstedt\[at\]gmail\[dot\]com](mailto:ebhofstedt[at]gmail[dot]com)
h3 Based in
Pittsburgh, PA and Oakland, CA

Details

WAVE web accessibility evaluation tool powered by WebAIM

Styles: OFF ON

Details

| Category | Count |
|---------------------|-------|
| Alerts | 2 |
| Features | 2 |
| Structural Elements | 4 |

2 Alerts
 1 X No page regions

 1 X Missing first level heading


2 Features
 1 X Alternative text

 1 X Language


4 Structural Elements
 1 X Heading level 2

 2 X Heading level 3


 1 X Inline frame




A lake with a blue sky shortly after sunrise, reflecting mountains and clouds.

h2 Let's get in touch.
h3 Contact
[ebhofstedt\[at\]gmail\[dot\]com](mailto:ebhofstedt[at]gmail[dot]com)
h3 Based in
Pittsburgh, PA and Oakland, CA

Structure

WAVE web accessibility evaluation tool

powered by WebAIM

Styles: OFF ON

Structure

Summary Details Reference Structure Contrast

h2 Let's get in touch.

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ELEANOR HOFSTEDT

About Projects Contact aria-label="main navigation"

h2 Let's get in touch.

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Pittsburgh, PA and Oakland, CA