Case Study:
Portfolio Website

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Overview

This project is about building a responsive website from scratch as part of the CareerFoundry Frontend Development for Designers course to showcase my portfolio using HTML, CSS, and JavaScript.

Tools

- Atom
- GitHub

Purpose & Context

This website was created in the context of the CareerFoundry Frontend Development for Designers course project. I took this course to gain an understanding of frontend development so that as a designer I could work effectively on design constraints and communicate better with development teams.

Objective

To develop a responsive portfolio website for myself from the ground up with a home page, an about page, and a contact section by learning HTML, CSS, and the basics of JavaScript.

Approach

Used the mobile-first approach to develop my website. The project brief contained a set of foundational grayscale wireframes for mobile, tablet, and desktop. Even though I changed the layout a little to my preferences, these guides allowed me to focus on learning and writing readable and error-free code.

Research → Development → Usability Test → Iteration

Usability Testing Results

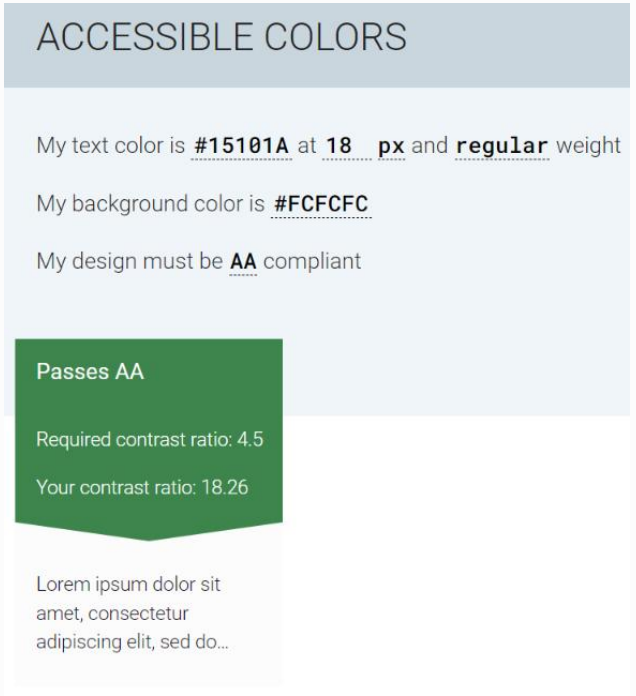
When the first iteration of my website was complete, conducted usability testing with 5 participants.

Issue	Error Rating	Suggestion
The user thinks all texts in the header should have the same font size.	1	Increase the font size for navigation links.
The user suggests to move copyright text a bit up.	1	Move the text a little up.
The user thinks “This Website” title looks informal.	0	Use “My Portfolio Website” instead of “This Website”.
The user thinks the website can have fun.	0	Add fun interactions in the future iterations.

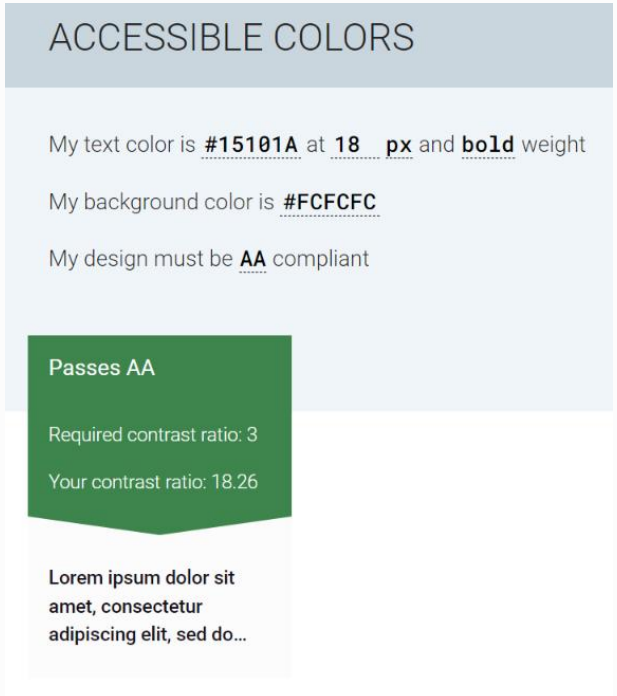
Accessibility Test

Used *accessible-colors.com* to check if my page is accessible.

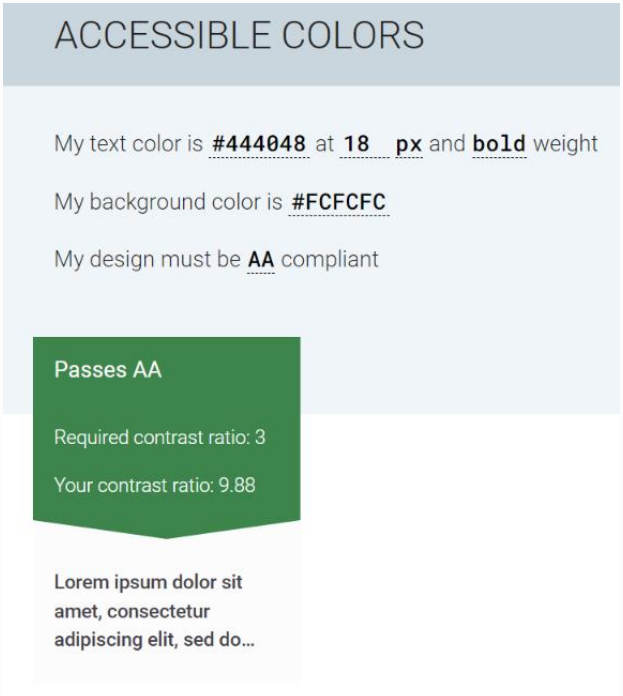
Text



Button

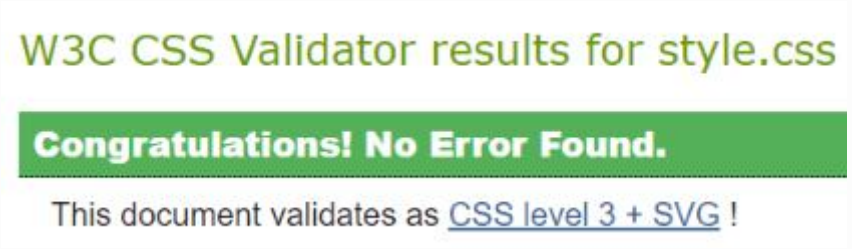


Button - On hovering



Code Quality & Cross-Browser Testing

Used online validators like *validator.w3.org*, *jigsaw.w3.org*, and *jshint.com* to test HTML, CSS, and JavaScript.



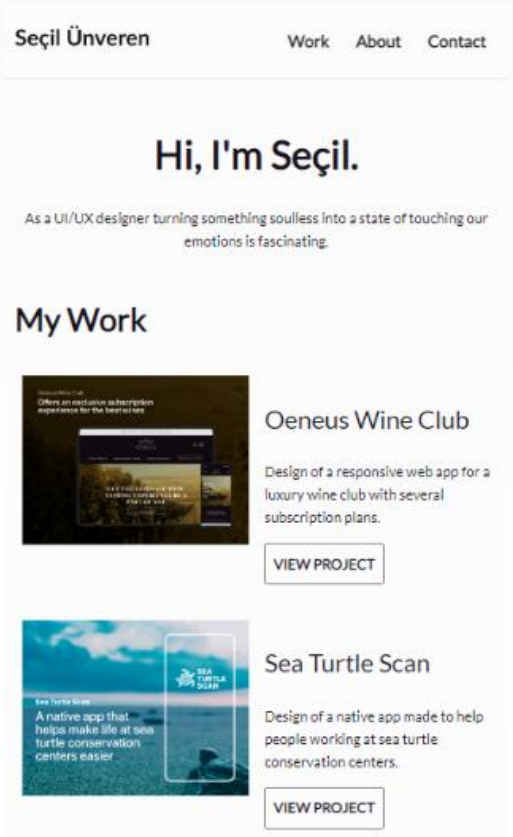
First tested my site manually for cross-browser testing. To test Safari and iOS devices I used Smartbear Bitbar online service.

Final Showcase

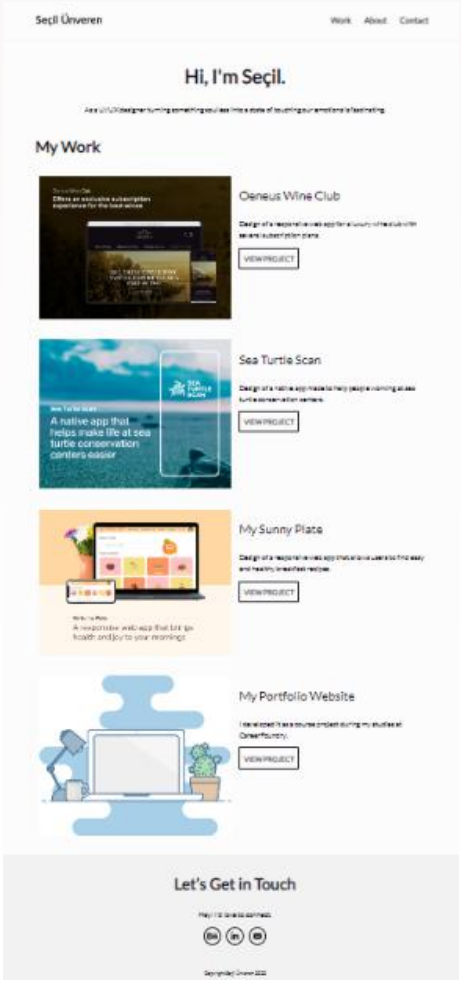
Some example views from the final pages...

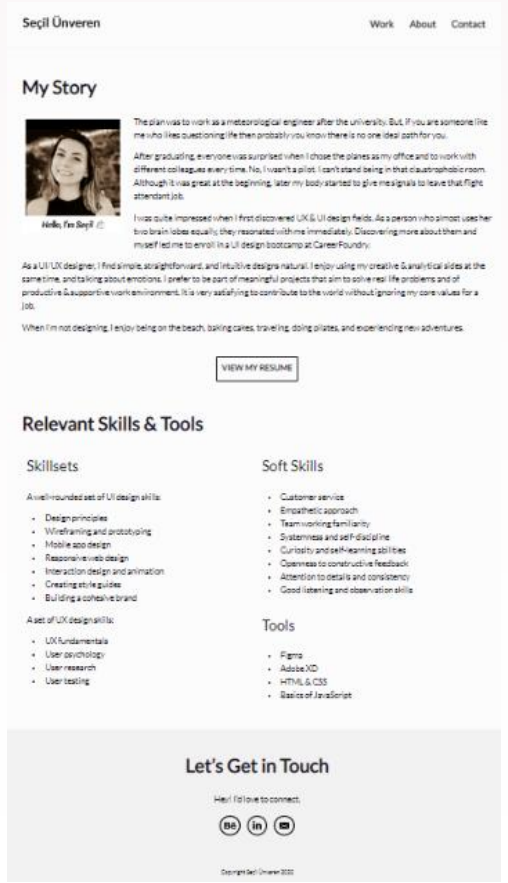
Mobile

Tablet



Desktop





Challenge

It was especially challenging to understand the logic of JavaScript. When I had a problem with coding, I looked on the Internet to find a solution, and when I could not find a solution my mentor supported me with her suggestions.

Takeaways

First of all, this course allowed me to have an understanding of how the Internet works and how websites are built with frontend languages. Other than that, I am happy that I learned about Git, version control, and how to use GitHub during the course. Also, conducting usability testing and checking for code errors helped me to have a better version of my website.

I think of adding a CSS animation for the next iteration since it will help make the website more engaging.

THANK YOU!