

GIT 480 Senior Project: Webpage for Ai Driving by Darrell Rodriguez

<https://dorodri3.github.io/aidriving/>

Introduction

In developing my webpage for a hypothetical company in which I title AI Driving, I conducted my creation in 4 phases, I prototyped my webpage using a version without CSS styling, I tested how well features such as buttons, photo placements, and navigation worked on the webpage, I made refinements to how I saw fit for my project, and I implemented everything into the webpage that I have completed for my project. Each step in the process of designing my project was necessary and I have designed a webpage that showcases my knowledge of web development and my coding skills using languages such as HTML and CSS.

Prototype

During the prototype phase I coded AI Driving using HTML and used this code as the main structure for my webpage. This helped me to determine the styling that I would later use to develop a webpage that would present a professional appearance and helped me to decide on the different styles that I would like to implement within the webpage.

The prototype served as a valuable tool for determining appropriate styling choices that I would implement throughout the design and layout of the webpage that would present a polished and professional appearance for Aidriving.com. I experimented with different styles, such as typography, color schemes, and layout arrangements, to identify what would best complement the AI Driving feature while maintaining a consistent look and feel. This process not only guided the visual aspects of the webpage but also informed decisions regarding user experience, ensuring that the final product would be both functional and visually appealing across various devices.

Testing

I thoroughly tested my webpage prototype across various devices, including a laptop, desktop and mobile phone, to ensure consistent performance and user experience. I analyzed the performances on each platform and I paid close attention the layout, responsiveness and functionality, ensuring that the website was running smoothly and adequately. By adjusting elements such as navigation, text, and images for optimal viewing on different screen sizes, I made sure that the design remained user-friendly and visually appealing regardless of the device. This comprehensive testing process helped me identify and address any potential issues, ensuring a seamless experience across various devices.

Refinement

During the refinement phase I made styling choices to my website which I found appropriate for the subject matter of being a website for a self driving vehicle company. I made choices based on research on how to style a website I practiced using “cultural context and deciding appropriate primary and secondary colors” (Corrigan, 2023) while deciding the colors I would like to use in my webpage. I styled the page using various darker shades of blue and gray to display a website that looks related to technology.

Implementation

For the implementation phase of the design process for aidriving.com, I developed a fully functional website that demonstrates the comprehensive application of skills acquired throughout my studies at Arizona State University. The site was built by integrating various web development techniques, including front-end and back-end development, user interface (UI) design, and user experience (UX) optimization.

The website incorporates modern HTML and CSS to ensure responsive design and compatibility within multiple devices, providing an engaging and accessible user experience across different screen sizes. The UI was designed with an emphasis on aesthetics and functionality, reflecting current web design trends while maintaining ease of navigation.

The webpage is presentable and professionally made to be used by related companies and this displays an effective utilization of my learnings at ASU.

Works Cited

“Corrigan, Stephanie. “How to Strategically Use Color in Website Design.” *www.flux-Academy.com*, 2023, www.flux-academy.com/blog/how-to-strategically-use-color-in-website-design”