

## Reflection on my website

### Folder Structure

My folder structure is well structured and easy to understand. The folder structure presents information in a linear method allowing a folder structure that flows easy and easy to navigate through. The folder structure separates the information that is being presented through the types of pages that the website has. For example (The Home Page page has four folders inside of it which are, Scripts, HTML, CSS and Images). This structure allows me to navigate through the folders in a much smoother and linear way.

### Semantic Markup

My semantic markups provide a sufficient context and information to the browser to an extent, it seems as if I could do better with it when it comes to class naming conventions and structuring of certain sections and divs. These markups however work very well with the website and create a smoother and easier way to style the pages. The interface elements are expressed fully for the website even though I feel like it sometimes is not done correctly academically, this section may need a bit more work in terms of what is the correct execution. My semantic markup provides proper context to the content that is provided by the website and expresses it fully creating a linear understanding for users to understand what information is being expressed and presented. My HTML could benefit by using more appropriate section elements. Instead of using divs repeatedly, I could use Sections for major content areas such as the Games section, Art section or the subcategories in the Design section. Another thing I could improve on is the use of figures and figure captions for images and their descriptions.

### Metadata

My Metadata seems to lack sufficient metadata to guide the browser in interpreting my content, I do have a few elements that guide the browser on what the website or webpages are about. With that information that is being presented it seems like the website still does not provide sufficient information to the browser. I have no idea of how to identify content that needs to have metadata mainly because it is not too clear what content needs metadata and what metadata really is. From what it looks like, my metadata is functional but it could be more polishing for social sharing.

### CSS

My CSS has been correctly implemented when it comes to how it reflects me as a person and how what type of image I am trying to portray with my website. I had a few in-line styling for my JavaScript but later removed them since I did not need to do any of the in-text styling. I chose to do a game themed website which reflects my love for games and game development. This theme has proven to be the best one for my website because it tells the user what type of person I am without them having to read anything about me or going through my website for information. This has been perfectly executed using button designs, colours and fonts. The CSS does not overwhelm users, and it is not used carelessly in certain cases such as the Blog section. In the blog section the font is different because that is where users read blogs and go through information that is not game related but rather academically focused. The CSS also does a good job at adapting to different screen sizes and different devices. Overall, my CSS is more correctly executed and implemented for this website.

## JavaScript

JavaScript is a hard Language to understand and actually get to get a grasp on when you start coding using it. When I got the small grasp of how it works, it made some parts of my website more functional and made it easier to make the website function better when it comes to certain visual components like the side navigation bar that I have on my design section. Using Dom to modify the structure of my website ensured a clearer navigation system in my website creating an open space for my website's visual representation and makes the website look more professional by organising certain sections of my website. I used my main JavaScript to create the back to top button functionality, I did this to avoid repetition in multiple scripts and keep my JavaScript more solid and structured. My JavaScript does not have inline scripting and only uses correct JavaScript referencing to avoid Clutter and unnecessary HTML confusion. I do not use async requests on my website, this is because I was not familiar with the method but I am sure to use and implement it when needed because it my website performance seems to be fine and does not need any async requests.

## Conclusion

Overall, my website successfully balances aesthetics and functionality, but targeted refinements in semantic markup, metadata, and dynamic content could elevate its professionalism and user engagement. By adopting more descriptive HTML tags, enriching metadata, and expanding my JavaScript toolkit, I'll ensure the site remains scalable and maintainable as my skills evolve.