Lappeenrannan teknillinen yliopisto

LUT School of Business and Management

Software Development Skills Front-End, Online course

Aleksi Kurunsaari, 000497011

LEARNING DIARY

Date : 12.1.2024

Activity : First I read all the general information about the course and also did the environment setup. Next, I watched Part 1 of the module task list and completed the coding tasks in the video.

Learning outcome: I learned all the essential information about the course and am aware of what I have to do to complete the course. I also learned how to make html, scss and json files. I also did my first bit of coding with html and scss. I also learned how to automatically compile scss code into css code. I learned the basics of how these languages can be used to make front-ends for web-pages. I also started to understand the principles of html and scss. Also learned the bascis of variables in scss.

Date : 15.1.2024

Activity : I watched Part 2 of the module task list and completed the coding tasks in the video.

Learning outcome: I started to better understand how html and scss are linked and what the differences are. I learned how to do links for my web page and also learned to give id’s to different parts of my html code. Learned how to bring icons into my web page and also to color and animate them. In scss I learned to change how the page looks in terms of color, font and background. Learned ‘Nesting’ by adding an ampersand. Learned how to import images to the web page and adding them as background. Learned to make partial files

Date : 18.1.2024

Activity : I watched Part 3 of the module task list and completed the coding tasks in the video.

Learning outcome: I learned to create a pure CSS menu button with animation. Key takeaways included precise styling, the use of pseudo selectors for interactivity, and the integration of JavaScript to animate the button into an X shape. CSS transitions, particularly 'transform' and 'rotate,' added a polished touch to the animation. The tasks deepened my understanding of CSS and introduced me to JavaScript dynamics.

Date : 19.1.2024

Activity : I watched Part 4 & Part 5 of the module task list and completed the coding tasks in the video.

Learning outcome: I learned to create an effective menu overlay, that has integrating branding and navigation. I also learned to implement media query Sass mixins for better site responsiveness. The hands-on experience of adding branding and navigation elements gave practical examples that helped better understand the topic. I also had some bugs when making the mixins so the debugging challenges highlighted the importance of troubleshooting skills. This module task helped me better understand how adding branding and navigation elements to the website can change the outlook of the whole website.

In part 5 the learning focused on CSS Grid for building an “About me” Page. I learned about the covered grid template areas and also learned more about layout organization. and I understood the importance of responsiveness by adapting the layout for various screen sizes. The module helped me understand how to incorporate branding and navigation seamlessly using CSS Grid.

Date : 22.1.2024

Activity : I watched Part 6 of the module task list and completed the coding tasks in the video.

Learning outcome: Learned to organize the ‘My Work’ Page with rows and columns. The 'grid-template-areas' property proved to be very useful, simplifying layout definition and content organization. On the contact page ‘flexbox’ helped a lot. Using 'flex-direction' and 'justify-content,' I got a sleek and organized contact page layout, enhancing responsiveness. Looking into features such as 'flex-grow' and 'grid-template-columns' allowed for responsive design improvements. This improved knowledge helps me to create flexible layouts. The use of Flexbox and CSS Grid was helpful.

Date : 23.1.2024

Activity : I started modifying the website to look like my own. I made the menu more specifically focused and simplified. I started by removing my own photo from the menu. The goal of this modification was to make the visual components simpler while highlighting the content more. I decided to eliminate the other half of the menu completely in order to provide a more condensed navigation experience. I made this choice because I wanted the menu to be simple and useful to the main sections of my portfolio. I placed the resized menu in the upper right corner of the website. This modification  improves the overall aesthetics while also saving space.

Learning outcome: I discovered how to take out my own photo—an HTML element—from my website's menu. In order to make up for the absence of the photo, I made adjustments to the styling in my SCSS file, taking alignment and spacing into consideration. I learned that you can remove the sections of the menu you want to remove by commenting out the corresponding HTML and SCSS code. To guarantee that the remaining menu items remained visually pleasing, changes were made to the SCSS file. Learned how to resize and move the menu to the upper right corner of the website by modifying its structure. Changed parts of the SCSS code to regulate the menu's dimensions, placement, and design.

Date : 24.1.2024

Activity : I customized the front page by including a photo of myself. The change aims to give visitors a more friendly  introduction. I eliminated other unnecessary icons from the front page and kept only the LinkedIn icon because that is the only relevant icon for me. On the home page, I added links to 'about me', 'my work' and 'contact me'  pages and positioned them below the icons This guarantees that important links are easily accessible to users and enhances the consistency of the navigation.

Learning outcome: I got knowledge about inserting HTML code to make my photo appear on the home page. I understood how to style the photo using SCSS, controlling its size, borders, and placement to make it blend in with the front page design. Learned how to take out useless icon elements from the home page. Learned how to incorporate link elements into the front page's HTML code. Learned how to style the SCSS file's links so that they complement the overall design and are aesthetically pleasing.

Date : 25.1.2024

Activity : I took the time to format the front page links so they looked more polished and professional, which improved the front page's readability and visual appeal. The content on the 'About Me' page was updated with my own texts and comprehensive details about my educational background. The goal of this customization is to offer a more thorough and unique summary of my education and skills. In the same way, I included information about my previous employment and offered insights into each role on the 'My Work' page. I also updated the page with each company's logo. This addition is good for highlighting my experience and providing visitors with a more comprehensive view of my work history.

Learning outcome: Learned inserting the links into the relevant HTML file sections. Acquired knowledge about updating the SCSS file's link styling to improve readability and preserve a polished appearance. I learned how to update the 'About Me' page with my own text and details in place of the current content. I learned about modifying the SCSS file's styling to make sure the newly added content is aesthetically pleasing and properly formatted. Acquired knowledge about adding content to the SCSS file while keeping the overall layout and design consistent.

Date : 26.1.2024

Activity : I watched Part 7 of the module task list and finally published my website.

Learning outcome: Learned how to publish a static website using GitHub pages. Learned to use GitHub repositories better.

.