

Lappeenrannan teknillinen yliopisto  
School of Business and Management

Software Development Skills

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**LEARNING DIARY, FRONT-END MODULE**

## LEARNING DIARY

16.6.2022

I read through the Course overview, General Course Information and Environment Setup for my frontend module and afterwards successfully set up my environment using Visual Studio Code as my code editor and initializing git to my GitHub profile. I had some trouble with setting up the git but found some useful advice on stackoverflow threads and eventually succeeded after making several mistakes during the setup. I also watched the first video and pretty much copied what was happening on the video.

17.6.2022

I watched through the second video about Homepage and Core Sass and learned something about how to make the live server look a little better, how to use variables and wrote the core Sass similar to that in the video. I encountered one problem though. I downloaded the img folder from the repository linked in the description of the video and added the folder to the exercise but when I tried to add the background.jpg to my live server, the background turned white even when I copied the code line by line from the video. After implementing rest of the lines to the live server it looked exactly same as before adding the image.

18.6.2022

After going through the third part, I now know how to make the menu button work using CSS transitions and a little bit of JavaScript. I had some trouble making it work until I realized I had forgotten to add `<script src = "js/main.js"></script>` in the index.html file. Other than that, I had no trouble, and the part was easy to understand, and I think I could somewhat easily make buttons to websites now. I also fixed the problem with the background image not showing

I watched the fourth part and was able to make the menu and it's overlay working properly without a hitch. I'm not yet entirely 100% sure how the translate3d works but with a bit of

studying it I think I'll understand it. At the moment I know what the first two attributes are used for but the third one is still quite a mystery although I'll assume it's about how 'close' the element is to the user or how big the element is.

The fifth part was about using CSS grid pattern in a page and making the text color change depending on if the primary color is lighter or darker. I think I understood everything quite well including the grid-template-areas which was a little weird to use at first. After using it though, I think it is brilliant and easy to use and understand how it was done in the video. I'm starting to finally get the idea of how to use html tags and sass together but the biggest thing to learn for me is that I don't yet even know what I don't know. When starting the course, I thought html and CSS was pain to deal with, but I only had used them only a little. Now I'm learning how powerful tools they really are.

19.6.2022

I learned to use CSS grids and flexboxes after going through part six. I had no trouble and the part was easy to understand. By watching the seventh and last part I learned to deploy my website to GitHub Pages. I'm not sure what I did wrong at first but I had to go to my repository and check the web address there to check the website. When copying from the video I either copied the address wrong or something else went wrong, probably capital letters in my username broke it. The website is at <https://karvamies.github.io/Software-Development-Course-Front-End/>