

Lappeenrannan teknillinen yliopisto
School of Business and Management

Software Development Skills

Niilo Liimatainen, 0523991

LEARNING DIARY, Front-End MODULE

LEARNING DIARY

02.06.2020

I chose this course to learn new skills and to get an edge in the jobmarket. I read the general course information and initialized the Visual Studio Code. I was already familiar with version control, so I didn't need any recap on that. All the course languages were new to me so I self-study them a little bit. After that I completed the first module and pushed it to Github. I also watched an additional video about sass because it was a bit unclear to me.

07.06.2020

Today I completed the part 2 of the course. There were a lot of new things to me. Practically all of the HTML-tags used in the project were new to me, so every time a new tag came out I self-study the meaning of them. I also learned a lot about CSS and Sass. For example, nesting and mixins were new to me. After I completed the video, I pushed my progress to GitHub. All has been going without any problems although Fontawesome has changed a quite a lot from the video.

15.06.2020

Today I completed the part 3 of the course. I did my first script with JS and learned about CSS transitions. I watched some additional videos about JS, so I got some basic knowledge about the language. Javascript seems pretty easy for me. I also watched a video about CSS transitions because I was interested about the different options. New thing for the project was an interactive menu button. It was a lot easier to do that I thought. Also compounding different languages in a building of a webpage starts to open up to me well. After I completed the progress of the video I pushed all to GitHub.

22.06.2020

Today I completed the part 4 of the course. I created the menu overlay and make the page more responsive. New things to me were all things related to responsiveness. I thought that making a webpage responsive for mobile devices would be hard, but it was really simple. One nice thing to learn was also that you can define mixins in a different file than where you write the code for it. I also learned to resizes pictures. I'm not familiar with photoshops so

all things related to that are new to me. After I completed the video and learned all the things from it, I pushed my progress to GitHub.

01.07.2020

Today I did the last three parts of the videos. CSS grid was completely new thing to me. Before I continued the about page from the project to the CSS grid part, I watched a quick introduction from Youtube to it. It is simple and efficient way to create a page layout in my opinion. I had couple of problems in part5, because of a simple typo in about.html file. It took me over 15 minutes to track the problem. After that, the rest of the code went easily. At this point I pushed the progress to GitHub.

In the beginning of part6 I made a big change into the project. I had used my own name and pictures up till now, but I had to change them to the same as in the videos. I had to make the change because of the project page. I can't show projects under my name that aren't my doing. Now I complete the project of the videos as in "John Doe" and change my own stuff in when I do the final project of the course. I download the pictures from the video's project and change them in. I pushed these changes to the GitHub.

I used more CSS grid in part6 and learned about flexbox. Flexbox was also simple, but I prefer more CSS grid. Contact page was easy to do and it didn't take long time. After I completed the part6 I pushed the final version to the GitHub. In part7 I learned about GitHub Pages and deployed the project. Next, I will start to edit the project to my own.

05.07.2020(Own project starts)

Today I started to edit the project to my own. At first, I edit my own pictures to the right size and put them in. After that, I started to remodel the color theme. I'm not really sure yet with which colors I'm going to go. After minor changes I started to think my first bigger addition to the project. At first, I thought I could replace the hamburger menu with nav bar. However, I came to the decision that I will keep the hamburger menu as it is. All examples I watched about nav bars, weren't nearly as cool as the hamburger menu with those animations.

I also like the simplicity of the first page, so I decided to do bigger changes only to the background. I made an image slideshow with 4 different backgrounds. I watched a Youtube tutorial about it, but the version I made was quite different from it. Slideshow was pretty easy to do, but I had a couple of problems with nesting. I made two commits, my project_1 and my project_2.

15.07.2020

Today I made the about me page and my work experience page. I remodeled both pages completely. The about me page contains almost all of the items that are in the videos, but I remodeled them. I also deleted my work history from the about me page. All the items are placed to the middle of the page. I did not use grid or flexbox in this page, because I wanted to try to do one page without them. I also put in a background picture with mixin. I took a little bit of inspiration from the webpages I have seen.

I place my work experience page to the place where the project page was. I did this, because I have not enough projects for own page, and I wanted to show my work history more precisely. I use grid to place my work history items in their places. I watched a quick crash course from Youtube from grid, and after that it feels very simple and efficient. I used span property to style the boxes. I also tried different types of fonts for the project, but I came to a conclusion, that the video's font was the best. After this progress, I committed my code to GitHub with a name of my project_3.

27.07.2020

I kept a little break from the course because I got so far with the project last time and other courses' deadlines came sooner. First thing I did today was with the contact me page. I had to do the responsiveness for smartphones again because my address and email were so long. After that I finally came to conclusion about the color scheme. I went with blue and dark grey.

At this point I deployed the page and thought I was ready. That didn't go as planned. My homepage's slideshow wasn't showing at all. At first, I had no idea what I could do to find out what the problem is. Then I realized the developer tools have also an error detection. It showed me that any of the slideshow's pictures weren't where they should have been. It was

a simple typo in the URL addresses. I had typed the folder's name with lower b as it should have been capital B. I changed it and the slideshow worked again. Only thing that I didn't understand was that the slideshow worked without any problems in the VSCODE's live server, even with the typo. I did a couple of commits here as My project_4.

Now I was ready, but I wasn't still pleased with the portfolio. The Work History and the Contact Me pages were still too dull. I found background pictures to both pages and add them with the mixin in config file. I made the mixin to detect different pages from different IDs. After that I did couple of CSS changes and committed my project's final commit(My project_5).

All the information text is made with Lorem ipsum and the links to my social medias are not there. I thought that these weren't related to the course so I could add them later if will use this portfolio in a job application. I added the README file to the GitHub with link to my web page and also a Presentation_video file with link to my presentation video from the web page. I didn't record any voice to the video because I thought all was quite clear without it. Now I add this file to the GitHub and finish with the course.