LUT University

Software and systems engineering

Software Development Skills Front-End, Online course

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Learning diary, Online teaching

03.07.2023

I have started by reading all the information on the Moodle page regarding the course and completion of it and got to work. I started by installing everything from VS Code to git and node.js so I can use npm in my work. I have watched the first tutorial and learned how to use the terminal properly so I can start a new project. I have also added the Live Server extension so I can see my work in real time being updated. I have encountered certain issues, either because I am a novice at this or just because I did not pay enough attention to the details of the video, but I have managed my way through them by Google-in g them. Some of the problems I encountered were quite popular amongst new developers, such as npm not being recognised by VS Code, or being a new git user and having to config it properly in the terminal. In such situations, stack overflow and GitHub were my friends.

In addition, I have also watched the 2nd video and tried to understand how to work properly with CSS. I have understood the how "mixin" functions work, what z-index is and how to work with position and width depending on the item in use. Linking the social media and making the icons fade into other colours was surprisingly easy and satisfying. I have gotten to the end of the video, but still working on understanding how the background overlay should work.

05.07.2023

I have started with what I have left 2 days ago, the background. I had to rewatch the tutorial and google multiple times on how to set the background that I want. I had to google how not to repeat the image plus make the size cover it all. After that I moved onto the next part, in which I had to google or ask my friend who is a developer for help. The javascript part was short and easy since it looks like scala or other programming languages, but the CSS part is still a struggle here and there. I have learned how to intuitively set some variable such as font-size, padding, the 3d transformation of the menu and X button.

I had struggles with the menu because something was pushing it from the right all the way to the left and it just would not stay in the center and full screen so I had to go through everything I have written once again but I just couldn't figure it out myself so I called it a day.

07.07.2023

I though I managed to fix the full size menu – no I did not. It was just a forced "fix" that would not work so I asked for help and waited for my friend to be available.

11.07.2023

I was ready to delete the project fully and just restart it from zero because we could not find anything that looked irregular, until I tried to remove the "overlay" class that was not in the tutorials anymore which fixed it perfectly. After that I made sure the menu is sized properly and the home page is looking what it is supposed to look like.

12.07.2023

I have created the about me, contact and projects page that are on the website which was much easier after writing the codes for the home page and the menu. I learned how to work with grids and flexbox, and the grids part was the easiest as it was not that much to do and easy to understand, just had to have the page on the side to see what it would look like. Overall, I had no issues writing the other htmls, I made sure to add my touch to it with plenty of backgrounds and the right links for every project and my social media. I have also learned to add the feature that when you click a link it will open in a new tab not in the same one, which I am very happy about. I have also deployed the website but I had struggles with it because instead of deploying my code that I had written at first, I tried to deploy a copy that I installed from my GitHub just to make sure it works properly. Because of that I had to initialize the remote origin url, but the site looks exactly like the original, having all the features, but I am still upset I did not notice it earlier before I had struggled to fix it.