Lappeenrannan teknillinen yliopisto

HAMK

Software Development Skills Front-End, Online course

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**Deployed link: [github page](https://haozhangsid.github.io/LutFrontEnd/)**

**Video link: [Video](https://drive.google.com/file/d/12PEnQWbzLTPiX6TCDfM0-hXw5g8H3nWW/view?usp=sharing)**

**LEARNING DIARY**

01/14/2025

**Basic HTML**  
  
Today, I mainly reviewed the basics of HTML. Since I already have some coding experience and a good understanding of HTML, this part felt more like a revision. I set up the coding environment and learned about responsive design, which helped me refresh key development concepts. I also created a Git repository to manage my code. Additionally, I completed the top navigation area of the website. Although the content was simple, it made me look forward to the next lessons.

01/15/2025

**Links and Core CSS, Utility Classes, Flexbox**  
  
Today, I learned how to use CSS variables to store reusable values like colors, which makes the code easier to manage. I also explored the Flexbox layout, which helps align elements on the page, especially for responsive designs. Additionally, I practiced adding images and links to my website, ensuring they adjust properly to the screen size. Lastly, I focused on creating reusable class names for my project to keep the code organized and efficient. It was a productive day!

01/29/2025

**CSS Grid & Cards & Parallax & Slider**

Today, I focused on learning CSS Grid, which is incredibly powerful for creating complex layouts. I experimented with different grid structures, adjusting rows and columns to create a responsive design. Additionally, I explored how to design card components, which will be useful for showcasing content dynamically.

Another interesting topic was the parallax effect, which adds a visually appealing depth to the webpage by making background images move at a different speed than the foreground content. Lastly, I worked on implementing a basic image slider, allowing users to navigate through multiple images smoothly. This lesson helped me improve my design techniques and refine my webpage’s user experience.

01/30/2025

**Mobile Menu & Responsiveness & Website Deployment**

Today’s lesson was all about ensuring the website is fully responsive across different screen sizes. I implemented a mobile-friendly navigation menu that expands and collapses, providing a better experience for smaller screens. Using media queries.

Finally, I learned about website deployment. It was satisfying to see my work live on the web, and I now feel more confident about creating and deploying a basic websites.

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