

# Peter Carlqvist's Website

## Design

In hindsight, I should have planned the website's design and layout before coding. Instead, I started with the index page, adding the navigation menu. I settled on four pages, three in addition to the home page (index). The pages in addition to the home page were 'About', 'My Projects', and 'Contact'. For the design, I chose containers with borders to structure the website using Flexbox to ensure that elements could be made responsive to screen size. I chose a clean look with light colours and a black footer with white text.

## Navigation

I added a horizontal navigation menu at the top of the page and spent a lot of time making it responsive to changes in screen size. First, I made it switch from horizontal to vertical, but I improved on this with a hamburger menu when viewed on screens smaller than 768px. The menu has a hover effect on large screens and a distinct change when selected.

## HTML

I used straightforward HTML for the pages, using paragraphs (<p>) for text and the article tag to present the two projects. I used a table for the footer. I included a contact form with the mailto function on the 'Contact' page.

## CSS

The styling of the website took the majority of time. As I am relatively inexperienced with CSS, much trial and error was involved. I relied heavily on information I could find online but was reluctant to include a styling that I did not understand. The most challenging part of the styling was associated with responsiveness. To overcome the challenges, I used information from the course book and relied on the built-in feature of Chrome to view the page on several different devices. I was struggling with highlighting (hover effect) for responsiveness before I realised it makes no sense on handheld devices with touch screens.

## Summary

I have created a simple personal website. Although I had the ambition to build something more extensive, I underestimated the challenges with styling, which proved more challenging in practice than in theory. If I were to redo the assignment, I would spend much more of my time in the planning phase. First, create a clear design of the website in order to plan the effort needed with CSS. Finally, I overcame the CSS issues with trial and error and online resources such as W3Schools ([www.w3schools.com](http://www.w3schools.com)).