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05-430: Programming Usable Interfaces
November 2, 2018
Homework 7: Web Portfolio Part I

Summary

For my final project, I plan to create a personal web portfolio. I think that the key to making my website engaging will really come down to the design and visual layout of the site: I want to have it be one main webpage with the content sections stacked vertically (allowing for the user to scroll through the entire website), since I feel that this has a very modern feel and will allow me to incorporate many aspects regarding automatic scroll when the user wants to move to a new section or scroll reveal (time-permitting). The interactive aspects will come from links to other external resources about myself (email, linkedIn, resume, etc.) as well as scroll overs or modals for each project/organization/professional experience I list.

The information I plan to include about myself is a personal statement/background, education, professional experience, organizations, projects, contact, and skills. I think the largest challenge for me will be that I don't have a significant bank of personal projects that I can include on this site (much of my work is encompassed by classes and extracurriculars). So this section might be combined with another one once I layout the content. I believe that my extracurricular involvement will make up for my current lack of technical projects (in terms of demonstrating my passions and leadership qualifications).

In terms of current concrete projects, I have a video of my intern project from my past internship (I can take screenshots from this, since the tools I built is not publicly-facing), and a front-end development project I am currently working on (but I cannot publish this until the work goes live, so this will likely have to be a "coming soon" section).

Regarding technology, I am currently planning to use React/JSX and possibly scroll reveal or stellar. I have not done extensive research on these however and am not sure about the feasibility time-wise or how this will work in collaboration with React and JSX. Any feedback and advice on these points would be greatly appreciated.

I would also appreciate advice on my design, how to make better use of the slate blue accent color I included, and how to better label the "contact" page so that it accurately shows that I am including many links such as address as well as resume.

Prototype Images

I've created two invisio links. One shows how the highlighting on the initial landing page works, and the second shows how the scroll and modal functionalities work. Please note that the header is supposed to be sticky, but that is not shown in this prototype.

Highlighting Prototype: <https://invis.io/G6OX3LHEM53>

Scroll and Modal (minus Sticky Header): <https://invis.io/DMOX3HZCTFK>