

Tucker Lavell
CS290 - Spring 2018
Project Proposal

I have always wanted to create a website to use as my portfolio, and this project seems like a good opportunity to get started on it. I think I am going to try and use as much javascript as possible, like the week 5 assignment. That way if I go a long time without updating it, I don't have to do tons of HTML fixing/cross-checking.

For the homepage, since we are required to use a carousel, I will probably use the names of the classes I have taken or the languages I used, to fill it. The homepage will also have a drop down menu where the visitor can choose to look at all my work, or filter them by the same things as mentioned about the carousel. I want to implement breadcrumbs so that the user can navigate backwards easily, something like homepage->index of languages->index of that languages examples->the actual example/current page. The pages with examples on them will have a downloadable source, or a link to its github, or set it up to in some fashion to display the contents of the programs in a `<code>` window. Maybe I will take some screenshots to show the outputs. The index of pages will probably contain my unordered lists with several entries.

I have taken three usability engineering type courses, and hope I can create a very intuitive website from that experience. My color scheme will probably be extremely simple, though the assignment from week 2 taught me a good amount about manipulating very specific parts of pages for different colors. I will probably use Bootstrap for any design/icons I use, because I have used it before.

I think a stretch goal for me is to try to make the entire website viewable in any browser on any device. I think this takes tons of CSS manipulation? Also possibly database implementation, depending on time constraints. That would make it easier to set the entire site up for indexes of anything I want.