Project 1 Design Rationale

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The website I designed is my own personal website, which gives information of myself, shows my projects and skills, and provides effective user interaction. The target audience is employer. To effectively show my engineering skills in all aspects, I include two parts in the main navigation bar in the home page: "Software Projects" and "Hardware Project". I also provide a sub-navigation bar down the home page to give links to my relevant information. I choose a soft light gentle color theme, to make the impression that I am not a boring engineer. Instead, I have some colorful designing minds.

I use the PHP elements on "Software Projects" and "Hardware Project" pages to provide a fun way of interacting with users. When user choose checkboxes and submit, the pages provide information to show inputs. On "Contact" page, a form is used to provide user a way sending message to me. User can see their input message on the right side of the page. The input form also checks valid input, refine the input and gives out error information. The WOW element I implement is extensive use of PHP: a sticky form and the error information that output to user. I make a "stickform.php" file in scripts folder to add this PHP function.