

Part 1

The goal of my project is to build a web portfolio for myself and use it as a space to document and showcase my work for potential employers. On my website, I'm planning to include information about myself (school, year, major, fun facts, professional goal), and the projects that I think are meaningful and highlight my strengths. The project is interesting and engaging because I will be using different animation and features to make my website more fun to scroll through and give users memorable interactions. The target audience of my website would be potential employers and recruiters who are interested in getting to know my background, experience and what work I have done in the past.

Part 2

- Animation that features a woman on a laptop (me). The animation will be placed on the home page, and automatically loads when users open the page, and it would reload everything the user hovers over it.
- Animation that mimics highlighter highlighting text. The animation will be triggered every time the user hovers over a hyperlink (hyperlinks will be highlighted).
- Popup windows coded from scratch using jQuery. Users can click on the "About" tab of the website to interact with the popout windows. Each of the popups would include images or fun facts about me, and those windows will be draggable and be able to place on top of each other.

Part 3

- jQuery
 - I choose it because it simplifies HTML DOM manipulation. It also comes with multiple event handlers and animations that are convenient and easy to use.
 - I would use it to implement the popout windows. Specifically, it makes it extremely easy to implement features such as hide, show, and draggable.
 - It adds innovation and creativity to my website. Normally when people click on the "About" page of a portfolio website, it brings them to a plain webpage with a paragraph and a picture. But I want to be more creative and experiment with using popup windows to display my information.
- LottieFiles
 - I choose it because it offers animation files that's tiny, high quality, interactive, and can be customized and manipulated at runtime.
 - I would use it to import fun animation (girl on a laptop) to my website.

- Since I would place the animation on the homepage above the fold and have it run every time the page loads, it acts as a welcome message for everyone coming to the site, and will prompt them to notice my self introduction that's being placed right next to the animation.

Part 4

While implementing my website, I followed my design and no change to the layout of the site. The only change I made was picking a different font other than Roboto. I made this change because I want my website to have a coding style, therefore, I picked a font that's similar to Courier.

Part 5

Prior to this assignment, I had no experience with jQuery, therefore, it was extremely difficult for me to understand how jQuery works, what build-in functionality does it have, and syntaxes. I overcame this by just following jQuery documentation, and use google and stackOverflow whenever I have trouble implementing a specific feature or need to debug.