

PUI Final Project Online Resume
Rashmi Francis

Part 1:

My website is essentially an online portfolio/resume. Its purpose is to communicate to peers, faculty, and possible future employers information about myself, education, experience, and skills. The website goes into detail about my career goals as well as relevant work. My hope is to let my website speak about my fit for future job positions. It also allows people to submit their information to contact me to speak about shared interests or career opportunities. My website is interesting and engaging not only because of the content, but also because of the unique presentation of that content. Specifically, it uses a variety of animations to attract the user to specific information and also to make the overall website's appearance be interesting and have volume. I've also implemented a JS library to create slideshows and accordion drop down menus. This helps keep the users interested as they scroll through my page. Instead of having static content that they must read, there are opportunities for them to click and learn more about specific experiences or events in my life. As mentioned before, my hope is that future employers will see my website which can possibly present new career opportunities for myself. In addition, I would love to get in contact with peers and alumni of schools from my education (CMU and high school). Through my website, they can see what I've been up to and reach out with any questions or advice they may have for me.

Part 2:

- Navigation Bar:
 - The navigation bar I've implemented has the 5 different sections on my webpage below the title and the header. This bar is meant to be used by the user to allow easy navigation of the website. Simply click on which section you would like to go to, and it will take you down to that section. This way the users don't have to scroll through the whole webpage to find a specific section they are looking for.
- Education Flip Cards:
 - In the education section, I've implemented a feature that allows the user to hover over each of the two cards to reveal more information about my education. Specifically, on the front it simply has my school and year information, however by hovering over the card, my major and concentration information is revealed.
- Lightbox:
 - In the projects section of my webpage, I've implemented a lightbox using JQuery so users can click through the slideshow to learn more about my projects. The user has to simply click on any of the images which will cause them to blow up larger on the screen. If it is not the last image, they can click the next button on

the top right of the image to go to the next project or previous button to go back. They can also click the close button or click anywhere outside of the lightbox to close out of the slideshow at any time. On each image, there is a caption that describes my project.

- **Accordion:**
 - In the experience section of my webpage, I've implemented an accordion also using JQuery. This accordion opens to my most recent work experience by default. It reveals specific information about my accomplishments during my time working at each company. The user can click on any of the tabs to reveal information regarding that specific work experience. Simultaneously, the tab that was previously open will be closed.
- **Blow-up Image Animation with Links:**
 - In the skills section of my webpage, there are a list of skills with images corresponding to that skill. If the user hovers over the image, it will increase in size to alert the user that they have selected that image and to intuitively click on it which will take them to the website where they can learn more about that specific skill.
- **Tabs:**
 - In the additional experience section of my webpage, there is a box with tabs on top. The user can click through those tabs which will change the information in the box to reveal information about that specific experience.
- **Contact Form:**
 - In the contact section of my webpage, there is a form that the user can fill out. Upon clicking submit, the responses are sent to my email.
- **Social Media Icons:**
 - In the top right corner of my webpage, there are 3 social media icon images. The user can click on each of these icons which will take them to my page of that respective social media platform.

Part 3:

- **JavaScript Library: JQuery**
 - I chose to use JQuery because it provided the option to implement features that would make the contact in my website more interactive and interesting. They had a variety of options to choose from that I knew I could use in different ways throughout my webpage.
 - In my website specifically, I used three different interactive elements including the lightbox, accordion, and tabs elements. These elements allowed me to change the style and method that I showed users information on my webpage. I essentially just wrapped information in different sections in different elements.

- These elements helped make my website more engaging and interesting. Instead of just presenting users all the information at once, it allowed me to hide more specific information so that the users felt more compelled to click and learn more about me.
- Animations:
 - I chose to also include animations because I liked that it added movement to my page. I didn't want the animations to become a distraction, especially because it is a professional website, but adding slight ones allowed me to subtly attract the eyes of the users. In my opinion, it makes users want to read the content more than static text.
 - I used animations for the title of the page. Specifically, I used a typing animation that types out my name so it's the first thing users' eyes are drawn to. I also used an animation to change my position back and forth under the title since I am a student as well as a TPM (internship). Animations are also used under the education section to flip the cards as well as the skills section to increase the size of the images. Finally, I used float down animations for the headers of each section and slides in animations for the skills section.
 - As mentioned before, the animations themselves add movement to the website. The movement keeps the users interested in reading the information in the page and to keep their interest throughout scrolling through the page.

Part 4:

I mainly iterated from prototype to prototype with the colors between them. However, the interaction from my prototypes to my actual implemented website is much bigger. Specifically, I decided to change the overall color scheme to include more pastel colors. These colors made the website more fun and bright as the original only pink scheme looked extremely monochromatic and boring when implemented. It also caused some information to get lost in the colors. With this new color scheme, each section is visibly its own section with its own information which I believe helps let the information stand out more while still looking cohesive. The other main difference between the prototype and my implemented website is the overall format as originally, the sections went horizontally across. However, in my implementation, the sections go vertically down which intuitively made more sense from a user perspective to scroll down and read. It allowed the overall website to also look more organized and not cramped.

Part 5:

One of the biggest challenges I faced was learning to implement JQuery. I had not previously used JQuery before, so learning to implement and use a new library was a big learning curve. I had to research all the different elements that JQuery had in order to find which ones would fit

into my website. I also had trouble ensuring that my website was responsive as it was very easy to hard code some css that would make the website only formatted on a macbook.