

# **PORTFOLIO WEBSITE**

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## **PREFACE**

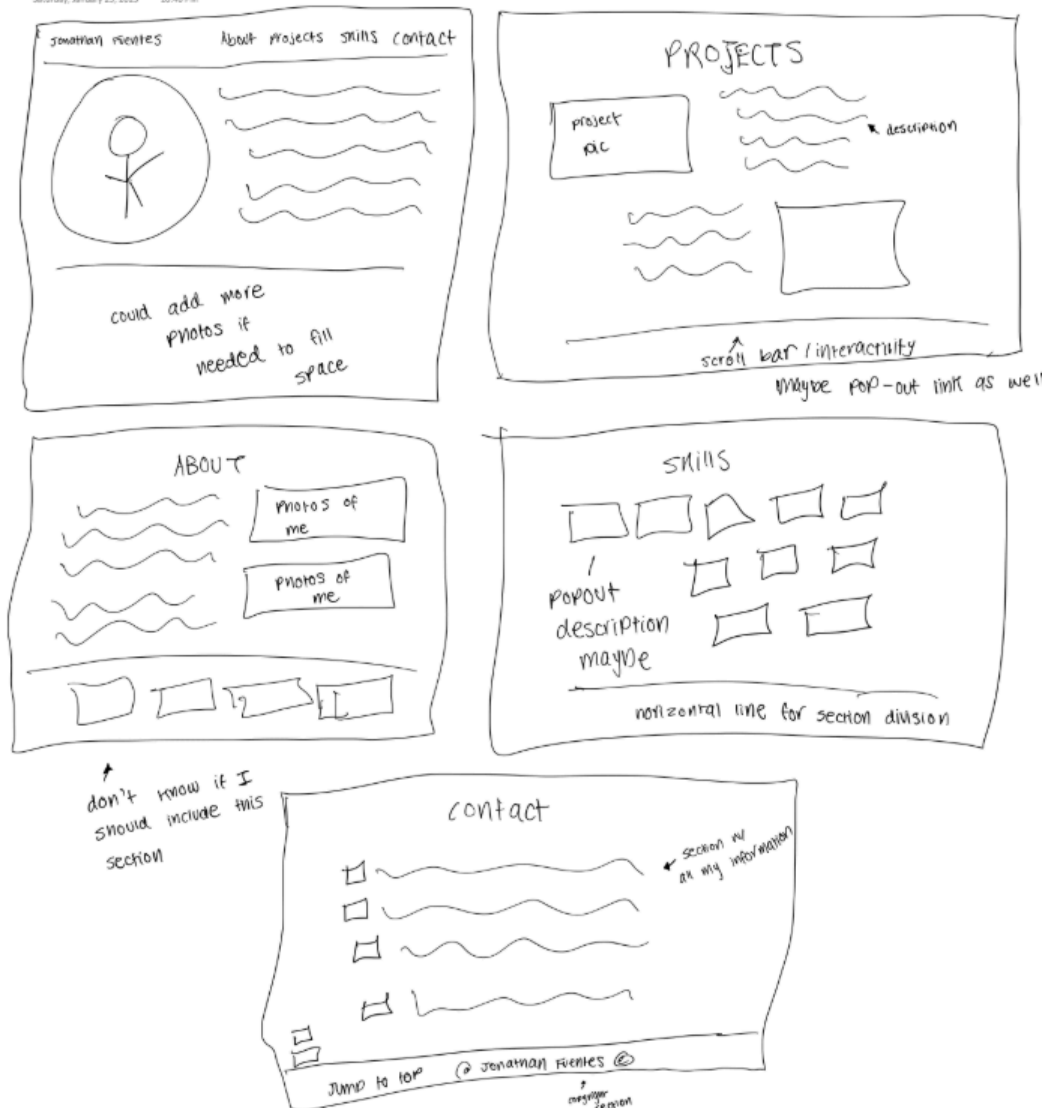
### ***I. IDEA***

I originally had the idea of making a website a long time ago in 2021, but pushed it off due to not knowing how to code in HTML/CSS and also being busy with the transition from high school to college. This year, in 2025, I decided to make this website because I am a student at California State University, Long Beach and I will be completing multiple projects in my time here. This website would be useful for me in listing the projects that I have completed and showing off the skills that I know in the form of languages and workspaces.

### ***II. DRAFTS***

After deciding that I did want to make a website I began to make drafts of the layout of my website. I knew it was important to have a rough outline that I can go back to if I got lost in ideas. I divided my website into 4 different sections which consisted of an About Me/Homepage section, Project Display, Skills, and Contact section.

Rough Outline of my Website:



The rough outline took me a total of around 5 minutes, which is quick, but all I really needed was to have my ideas on paper (digitally in my case).

## PROCESS

For me, learning was mostly about getting my hands dirty with experimenting with the HTML code and searching things up whenever something didn't work as expected. My main resources were youtube videos and stack overflow which provided me with the

necessary knowledge in HTML and CSS + answered most of my questions that I had regarding both of those languages.

The stuff that gave me the most trouble with my code usually didn't involve HTML structure, but mostly cleaning up with CSS. It took me a while to figure out how to create a tooltip bar that was both functional on image hover, but also had a delay for the opacity for cleanliness. And I also had to find out how to disable it on other media devices such as an iPad where you are not really going to be hovering with a mouse. That also meant that I had to sacrifice the tooltip bar on iPhone and iPads, but the pictures should say enough.

Another thing that did give me some trouble was the media queries for different screen sizes. I originally designed my website on my computer with a resolution of 1980 x 1080 and I was surprised to see that my website looked weird on my laptop since I didn't adjust the sizes of my elements on my page to fit on another screen. To adjust this, I created media queries for devices of different sizes. Mainly these media queries would target laptops, phones (in landscape or portrait), and TVs + laptops. I also managed to make my website work with iPads. This whole issue helped me learn a lot about creating responsive websites and how they're designed in the front-end.

## **CONCLUSION**

Overall I would say that I am very happy with the way that my website turned out. I had fun learning how to code in HTML and CSS and learned a lot about how the front end of websites are built.