

Comp 2130 Final Project

Due: Last day of class before exams before 11:59 PM

Create a **10 page** personal portfolio website using html, CSS, JavaScript that meets the following requirements.

Validation

All HTML and CSS files must validate cleanly with no warnings or errors.

Project Structure

- Must have css, images, js and other folders need to keep project tidy.
- Good file naming practices

HTML

- Must be a common navigation on all pages and pages should all have headers and footers.
- All pages must have a common look and feel.
- Must follow best practices guidelines for writing html code.
- Use required form attributes and form checking
- Must be at least **10 to 15 images** that have been properly sized and optimized for the web.
- No broken hyperlinks or missing images.
- Must include a least 1 html form with at least **5 different form elements** in it.
- Must test your site in at least 3 different browsers.

CSS/Design

- External file(s) please
- Good naming conventions for style names.
- All web pages in the website need to be responsive and display well on small devices like the iPhone.

JavaScript / jQuery / AJAX

- No console errors
- External file(s) please
- Must show **4-5 different instances** of JS being used to add functionality to your site that you wrote.

DOM

- Demonstrate at least **3 different places** you have used the **DOM** to add interactivity and/or update/add content.

Data Integration

- Must demonstrate integrating with Firebase and working with JSON data.
- Make sure to use your API key when communication with Firebase.

Quality Control

- You must have at least **2 people** review/test your site and provide feedback before handing it in.

Handing in the Project

- Your final project must be neatly zipped up and uploaded on time in the proper folder on the D2L.
- Upload to your free GitHub Pages and send me the live url to your website.