



Unit 19 | Homework Assignment

⌚ ~12-15 hours | 👤 Individual | ✎ 5 Parts

Code a Responsive Bootstrap Portfolio PT II


Designers who have strong Javascript, HTML, and CSS skills pride themselves on it because they know it gives them an advantage in the job market. Some will go so far as to say it is the difference between being a “designer” and a “web designer.” We want you to be the designer who can show a client a website or prototype built-in code.

This week you will continue working on your portfolio.

Your portfolio should define who you are, what you can do, and show what part of UX is your specialty. A good portfolio embodies the following two characteristics:

- It reflects the careful thought put into its presentation—it’s clear that the designer has taken time to represent themselves in the best possible light;
- It shows a decision was made to showcase the most relevant work in a logical and aesthetically-pleasing way.

Scenario: Last week, you started building a responsive portfolio website using Bootstrap. This week, you will add CSS Animations, JavaScript, and visual design to your portfolio page.

WEEK 18	 Bootstrap 4 - Portfolio
WEEK 19	 Bootstrap 4 + JS/JQuery - Portfolio Part 2

User Story: As a UX/UI designer, you'll want to consider what is most important for visitors to your site—they are the user you’re designing for. Some considerations could include: Is what’s most important being able to view imagery from your work immediately? Is it learning about

who you are, your bio, and compelling reasons why they should hire you? Your answers to those questions will guide your approach to building your portfolio homepage.

Requirements (12-15 hrs to complete)

This week, you will complete the following steps:

- ❑ Part 1: Add Interactive JS Elements (4-5 hrs).
- ❑ Part 2: Add Animated CSS Elements (4-5 hrs).
- ❑ Part 3: Add Visual Design to your Portfolio Page (2-3 hrs).
- ❑ Part 4: Add a Portfolio Detail Page (BONUS) (2-4 hrs).
- ❑ Part 5: Publish your Page on GH Pages (0.5 hrs).

Examples

For some inspiration, look through the examples on the [awwwards](#) site and also [past bootcamp students' portfolios](#). Keep in mind that these examples had several rounds of iteration.

Instructions

Working step by step is how all design work gets done. As you complete each of the following steps, take time to review your work for accuracy, and ensure it's serving the goal of the deliverable, a portfolio homepage.

Part 1: Add Interactive JS Elements

1. Incorporate Bootstrap's JavaScript CDNs.
 - a. <https://getbootstrap.com/docs/4.3/getting-started/javascript/>
2. Use a script tag to incorporate your Javascript file.
3. Incorporating multiple interactive JS elements.
 - Add a responsive mobile menu in bootstrap.
 - [Build a responsive navbar with bootstrap](#).
 - Review the [Bootstrap Documentation on Navs - Javascript Behavior](#).
 - Add a contact form.
 - Add two or more of the following Bootstrap JS elements to your portfolio:
 - [Modal](#)
 - [Animated button](#)
 - [Image carousel](#)
 - [Scrollspy](#)
 - [Tooltip](#)
 - ***Bonus: Make your page elements animate using ScrollReveal.JS***

- Visit the link for [ScrollReveal.JS](#)
- Read the documentation.
- Read the [API documentation](#).
- Review the codepen.io examples for implementation.
 - [Happy Face](#).
 - [Card Boxes](#).

Part 2: Add Animated CSS Elements

1. Add a minimum 1-2 CSS animations to your site.
 - For example, you can make a button change on click or hover.
 - [Animated CSS button example 1](#)
 - [Animated CSS button example 2](#)
 - Use an open-source CSS animation tool as a reference.
 - Check out [Animista](#).
 - Have fun with this.
2. **BONUS: Add a floating image to your portfolio.**
 - Building off your understanding of CSS keyframes, use the following codepen example to create a hover effect.
 - [Floating image example](#).

Part 3: Add Visual Design to your Website

1. Take time to add visual design to your portfolio site if you have not already.
 - a. Create a color palette.
 - b. Add typefaces.
 - c. Add imagery to your project links.
 - d. Add iconography.
 - i. <https://github.com/FortAwesome/Font-Awesome>
 - e. Take any remaining time to just polish or add features to your site.

Part 4: Add a Portfolio Detail Page (BONUS)

Note: This requirement is a bonus for this week's homework.

1. Create a wireframe for a portfolio detail page.
 - a. This page should describe 1 of your case studies from the bootcamp.
 - b. The single most important thing you can do to make sure your UX portfolio grabs attention, regardless of your level, is this: show process. Show you can do the graft and hard work that comes before the pretty pictures.
 - c. For each project, reviewers expect to see:
 - i. The problem
 - ii. Who you worked with
 - iii. What tools you used
 - iv. Discovery phases (how did you go about solving the problem)
 - v. The process you used to overcome the problem: lo-fi wireframes, prototypes, sketches, personas, user journeys, and research

- vi. The final outcome (both of your work, and what happened after it was handed over, e.g., to a UI designer or developer!)
2. Code your page using HTML & CSS.

Part 5: Publish your Page on GH-Pages

Once you have finished uploading your homepage to GitHub publish it with GitHub pages.

Learn more about [GitHub Pages](#) and how to [get started](#) using them.

Get Unstuck

If you have any coding or GitHub issues, you should first try Googling the errors or checking [StackExchange](#) for troubleshooting help. You can also try asking a classmate or TA to help you troubleshoot.

How to Submit Your Homework

Use Google Drive (G-drive) to turn in your homework assignment (make sure to double-check that your sharing permissions are set to “Anyone with the link can view”).

You must submit a link to a Google Drive Folder containing the following:

- A G-drive folder containing your Desktop + Mobile wireframes + Design Compositions.
- A link to your hosted Github Pages.
- A link to your GitHub repo.