

CSCI 295: SpecTop: Full-Stack Web Development (Spring 2025)

Midterm Examination : Building your Personal Portfolio Website

submission & presentation date: March 11th 2025, 8:00 am

This exam is worth a total of 20 points.

Introduction:

Over the past few weeks, you've gained a solid understanding of HTML, CSS, and JavaScript and have completed various mini projects. Now, it's time to challenge yourself by creating your very own [personal portfolio website](#). This project is an opportunity to showcase your web design and UI skills, while also proving your ability to build a responsive, visually striking website as a computer scientist or software developer. So, put on your creativity hat and give it your all!

Below, you'll find the minimum requirements for your website, which will also serve as your grading criteria:

Note: Don't just focus on the grades—treat this as an exciting opportunity to design a fantastic website that represents you! You are free to use any online resources.

Minimum Requirements:

1. Homepage:

- A clear, concise introduction to yourself, including your name, a short bio, and a professional photo or avatar.
- [Navigation menu](#) to other sections of the portfolio (e.g., About Me, Projects, Contact).
- A header section with a clean layout and clear typography.

2. About Me Section:

- A detailed but concise description of yourself, including your skills, experiences, and goals.
- Use of appropriate HTML tags and semantic markup (e.g., `<section>`, `<article>`, `<h1>`-`<h3>`, `<p>`, etc.).
- Any relevant certifications or accolades displayed in an easy-to-read format.

3. Projects Section:

- A showcase of at least 3 projects you've worked on, with brief descriptions and images/screenshots of each project.
- Each project should link to a live version or a GitHub repository if applicable.

- Projects must be organized with appropriate HTML elements (e.g., [cards](#), [grids](#)) and include proper interactivity (hover effects, [modals](#), etc.).
4. **Contact Section:**
- A [contact form](#) with at least the following fields: name, email, and message.
 - Basic form validation with JavaScript.
 - A functioning "Submit" button (the form does not need to actually submit, but the button should be styled and behave as expected).
5. **Responsive Design:**
- The website must be fully responsive and adjust to different screen sizes (desktop, tablet, mobile).
 - Use of media queries to adjust layout elements (e.g., font sizes, grid structure) for different devices.
6. **Footer Section:**
- A footer with relevant contact information or social media links (e.g., LinkedIn, GitHub, email).
 - Simple, clean design.
7. **Interactivity:**
- Use JavaScript to add interactive elements (e.g., smooth scrolling, form validation, toggling of content).
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Sample Portfolio Websites:

<https://gbrcode.com.ng/> | <https://www.charan-raj-kandula.com/> | <https://www.zachjordan.io/> | <https://bruno-simon.com/> | <https://sumanthsamala.com/> | <https://naren200.github.io/>

Submission Guidelines:

1. Push your code to github.
2. Clean, well-organized, and commented code.
3. Deploy your code on **Github Pages**
4. Prepare a 5-minute presentation to guide us through the design phase walkthrough of your website. This should cover your design ideas and thought process, including your choice of color scheme, UI design concept, and any websites you researched prior to starting the design. The presentation will be delivered after the semester break.