

CSA Semester 1 Final Exam Projects

(25%) Website

You are to build your own website. This is your opportunity to build out whatever you would like, but you should definitely think about building out something that could assist you. For example, you could build out a portfolio website that shares more about you to potential employers. Most people who go into web development have some type of website to showcase to their future employers. This is also a chance for you to showcase projects you worked on throughout this and last semester. Or maybe there is a tool or utility that you would like to develop and use. A tool for your homework, or college prep, or senior activity, or whatever you would like. A website for a game you play or for your fellow DnD friends. Whatever you want, but you are needing the incorporate the information below:

- a. These are general minimum requirements. However, you should work with your instructor on your particular Website and requirements.
 - i. Home page and at least 2 content pages (3 pages total)
 - ii. A single external CSS file controlling styles across the site (internal and embedded styles may also be used when appropriate)
 - iii. Consistent "look and feel" throughout the site (logo, color scheme, layout, navigation)
 - iv. Consistent navigation throughout the site
 - v. Use at least three images in addition to a logo (images should have alternate text)
 - vi. Include at least three external links
 - vii. At least one HTML list (ul, ol, or dl) element
 - viii. At least one HTML table element
 - ix. At least one HTML form element w/script for processing form data
 - x. Use of Search Engine Optimization (SEO) principles
 - xi. Mobile friendly and/or fluid layout for different screen sizes
 - xii. HTML and CSS passes validation test at W3Schools
 1. <https://validator.w3.org/> (HTML)
 2. <https://jigsaw.w3.org/css-validator/> (CSS)
- b. You will need to host the website on Git Pages
- c. Submit to me the link to the Git Pages and screenshots of your files passing the validators in requirement xii