Project 1 Description and Resources

Your professional image is important for getting the job you want and representing your company well.  It not only impacts your recruitment but helps you and your company make valuable connections and grow.  You want your professional presence on the Internet to promote the image you want to share.  First impressions are vital, and your website has an impact on what impression you make.  This project is something you can build upon during your career here at Texas A&M and can benefit you in your job or continuing education search.

**Project Mission**

* You will create a website that projects the professional image you would like recruiters and organizations to see when you introduce yourself.
* You will develop the website on your local machine and host it on [people.tamu.eduLinks to an external site.](http://people.tamu.edu/).
* This will create a tool for you to share your professional portfolio and information about yourself even outside and beyond this course.

**Learning Objectives**

You will achieve the following learning objectives:

* **Explore and gain experience** with HTML, CSS, PHP, and/or JavaScript
* **Practice** configuration management by creating and using a Git repository for your files
* **Integrate** working in a local development environment and hosting multiple web pages on a server, including the ability to transfer files between them
* **Provide and receive** constructive peer reviews to improve the quality of your work and others

**Project Requirements**

* You will create and publish a website on [people.tamu.eduLinks to an external site.](http://people.tamu.edu).
* Your website will contain:
  + Landing page (separate page)
    - **Gives a positive first impression** for a prospective employer or client
    - **Engages the audience** to want to explore more
    - **Clear and concise**, only including information that belongs here
  + About Me page (separate page)
    - **Includes interesting information** that a prospective employer or organization would want to know
    - **Shows how you would fit** on someone's team and in their corporate culture
    - **Demonstrates your unique personality**
  + Portfolio page (separate page)
    - **Describes technical projects** you have completed or would like to complete
    - **Provides interesting details** for the audience which may include links to your TAMU GitHub repository for these projects, thumbnails, and descriptions
  + Qualifications page (separate page)
    - **Provides your resume** in an easily accessible format (PDF preferred but HTML acceptable)
    - **Describes your technical skills** in addition listing them on your resume
    - **Discusses your technical areas of interest** in Computer Science and why
  + Service page (separate page)
    - **Describes ways you give back to your community**, either through volunteering, mentoring, or other similar activities (may include areas you would like to contribute to if not already)
  + **Clear and consistent navigation** menu or system available on every page (the back button is not sufficient)
  + External links
    - **Minimum of 10 links to external web pages** that are relevant to you and the work you are doing
    - **Appropriately placed throughout** your project (not on a single “links” page)
  + Secret page (separate page)
    - Placeholder for a future assignment
    - Do not provide a link anywhere on your website but instead submit the link on Canvas
* Your project should be **consistently styled throughout** in a way that gives a positive professional image.
* **One of the pages should include text of 300 words or more** describing either yourself, your portfolio, your qualifications, or your service in more detail.  *Your resume will not be included in this word count.*  This is part of the writing requirements of the class and must be passed to pass the course.
* You will **use your TAMU GitHub** account to store your files and for revision control.

**Awards and Accolades:**

There is an award to be given to the top websites. The judging of the pages will be by both people involved and not involved with CSCE 315 and will commence after grades have been assigned.  We will celebrate the top websites together in lecture.

**Timeline for Deliverables**

* Week 1
  + Draft project website including all contained webpages
  + Use your TAMU GitHub to manage all project files (grant access to your TA)
  + **Submit in Canvas** your landing page link (should look like people.tamu.edu/~yourNetID
  + **Submit in Canvas** your TAMU GitHub link
* Week 1.5
  + Participate in peer review during lecture
* Week 2
  + Revise project website including all contained webpages based on peer review feedback
  + Update your TAMU GitHub files accordingly
  + **Submit in Canvas** a document including your final landing page link, secret page link, and description and justification of revisions made

**Peer Review**

We will hold a peer review workshop during one of the lecture sessions.  You will participate in both giving and receiving constructive feedback to other students in your class.  **You must complete this peer review process to pass the writing component and therefore pass the class.**

After the peer review workshop you should incorporate any appropriate suggestions to your website before submitting the final version.

A Word on Academic Integrity

This project is an **individual assignment**. Your work should be completed individually and will be evaluated individually.  Even though there is a peer review component to this project, **this is not a team assignment**.

Below you will find helpful resources and tutorials for your project.  You may use other tutorials on the internet, but **you may not use someone else's code**, whether they are associated with this class or not.  **If in doubt whether a resource is approved, assume it is not** and ask your instructor or TA.

If you have created other websites/webpages in the past, you may link to those in your portfolio page.  It is **not acceptable to turn in previous work from outside this class for this project**.  It should be clear what work was done prior to this project.  While there are some facts that will be the same from the previous work to this project, the look, feel, and design should flow from the goal of this project.  If in doubt, consult your instructor or TA.

Finally, remember to give constructive feedback during the peer review workshop.  The [Aggie Honor Code appliesLinks to an external site.](https://distance.tamu.edu/Student-Rules-and-Policies/Aggie-Honor-Code-and-Netiquette#:~:text=Alongside%20the%20Aggie%20Honor%20Code,receiving%20end%20of%20your%20content.) here as well.

**Helpful Tips and Resources**

Hosting on people.tamu.edu:

* [Setting up a TAMU Personal WebsiteLinks to an external site.Links to an external site.](http://people.tamu.edu/Getting_Started/Setting_Up_a_TAMU_Personal_Website.php)

HTML

* W3Schools [HTML Tutorial (Links to an external site.)](https://www.w3schools.com/html/default.asp)
* Codecademy [Learn HTML (Links to an external site.)](https://www.codecademy.com/learn/learn-html)
* DevTips [HTML5 Basics [video] (Links to an external site.)](https://youtu.be/1SLB-vCqR0g)
* Jonathan Robie [Document Object Model (Links to an external site.)](https://www.w3.org/TR/REC-DOM-Level-1/introduction.html)
* Codecademy [How to Make a Website (Links to an external site.)](https://www.codecademy.com/learn/make-a-website)

CSS

* W3Schools [CSS Tutorial (Links to an external site.)](https://www.w3schools.com/css/default.asp)
* LearnLayout [Learn CSS Layout (Links to an external site.)](http://learnlayout.com/)

JavaScript

* W3Schools [JavaScript Tutorial (Links to an external site.)](https://www.w3schools.com/js/default.asp)
* Marijn Haverbeke, [Eloquent JavaScript (Links to an external site.)](https://eloquentjavascript.net/)

Writing and feedback:

* Use a spell checker
* [Grammarly (Links to an external site.)](https://www.grammarly.com/) for checking grammar
* [Hemmingway App (Links to an external site.)](http://www.hemingwayapp.com/) for style - note that you may not want to use all the suggestions, but some are helpful
* [University Writing CenterLinks to an external site.](https://writingcenter.tamu.edu/Students/Student-Resources)
  + assists students at any stage of the writing process from brainstorming to proofreading
  + set up an [appointment to get feedbackLinks to an external site.](https://cleopatra.tamu.edu/default.aspx?ReturnUrl=%2f) from a UWC consultant via Zoom or online
  + [interactive lessonsLinks to an external site.](https://cleopatra.tamu.edu/default.aspx?ReturnUrl=%2f) on common writing concerns