



Learn Git and GitHub without any code!

Using the Hello World guide, you'll start a branch, write comments, and open a pull request.

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History

 [mikeizbicki](#) modified extra credit


Latest commit [adc6fb8](#) 7 days ago

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 [README.md](#)

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 README.md

Homework 1: Building a webpage

Description: You will build a simple webpage and publish it to the internet. You get to choose any topic for the webpage (must be [SFW!](#)), and you can earn extra credit by having a large number of people visit your webpage.

Due: Tuesday, 24 September, beginning of class

Estimated time to complete: 5-10 hours

Primary learning objectives:

- demonstrate a basic knowledge of HTML, CSS, and JavaScript
- follow directions in introductory tutorials geared for computer programmers

Secondary learning objectives:

- understand the basics of search engine optimization
- understand the basics of web tracking

Instructions

Complete the following tasks:

- (Estimated time: 1hr) If you do not already have a GitHub account, then [create one](#). You may choose any username that you like, and you should choose the free account option. Then, [follow these directions](#) to create a GitHub Pages webpage.

2. (Estimated time: 1hr) [Follow these instructions](#) to create a Google Analytics account and add Google Analytics to your webpage.
3. (Estimated time: 3-8hr) Edit the contents of your webpage to meet the requirements of the grading rubric shown below.

Grading Rubric

Your webpage must satisfy each checkbox below. Your grade will start at 10/10 points, and for each checkbox that you do not complete, you will lose 1 point. If you complete all checkboxes, then you will get 10/10 points.

- Your webpage must contain at least:
 - ☐ 3 HTML files
 - ☐ 1 CSS file
 - ☐ 3 images
- The main HTML file must:
 - ☐ be named `index.html`
 - ☐ contain a "follow" link to the course webpage (<https://github.com/mikeizbicki/cmc-csci040>)
 - ☐ contain a "follow" link to Mike Izbicki's personal webpage (<https://izbicki.me>)
 - ☐ contain a Facebook like button (follow the directions [here](#))
 - ☐ contain either an unordered or ordered list (`` or ``) with at least 3 list items (``)
- Every HTML file must:
 - ☐ have an appropriate `<title>` tag
 - ☐ have an appropriate `<meta description=...>` tag ([see this tutorial on meta description](#) and [this tutorial on other meta tags](#))
 - ☐ have an appropriate `<h1>` tag
 - ☐ contain at least 1 `` tag with appropriate `alt` text
 - ☐ contain at least three paragraphs of text using `<p>` tags
 - ☐ contain at least 3 `<div>` tags styled using CSS
 - ☐ contain at least 1 `` tag styled using CSS
 - ☐ use the `<link>` tag to include the CSS file
 - ☐ contain a Google Analytics tracker using the `<script>` tag
 - ☐ contain a hyperlink (`<a>` tag) to every other HTML file
- The CSS file must:
 - ☐ set the color of `<a>` tags
 - ☐ use the `:hover selector` on at least one tag
 - ☐ define at least 2 [class selectors](#)

- ☐ use the [@media rule](#) to modify some attribute for small screen sizes
- Your domain must:
 - ☐ score at least 90% on Google's [PageSpeed Insights](#)
 - ☐ have at least two "follow backlinks" from other domains (other student's projects are okay)

NOTE: If you believe that one of these checkboxes is not appropriate for your webpage for some reason, send me an email explaining why, and I can grant you an exception.

Extra Credit: Social Media Engagement

There is no explicit requirement that your webpage "look nice" or have "good content" as these criteria are too subjective to grade. Instead, you can earn extra credit points by making your webpage look nice and have good content.

In particular, you can get 1 pt of extra credit for each of the following tasks you complete. (Thus the maximum score on this assignment is 12/10.)

- ☐ Post your site to reddit and get at least 100 upvotes. These upvotes must be on a single submission, and not cumulative over several submissions. To get ideas on how to make a successful post, [read this reddit thread on getting upvotes](#) and [learn about reddit's ranking algorithms here](#).
- ☐ Get more than 1000 unique visitors to your webpage in a single 48 hour period, as shown by your Google Analytics tracker.

For any of these extra credit tasks, feel free to get creative and use whatever "black hat" techniques you can think of.

Submission

1. Print this page.
2. Place an ☐ through every task in the rubric that you have completed.
3. Complete the following table.

Name	
Github Username	
Website	
Self-evaluated score	

4. For each extra credit item you complete, take a screen shot demonstrating that you completed it and attach that screenshot to your submission.
 5. Sign your name below the following statement: By submitting this assignment, I affirm that I have followed the collaboration policy in the course syllabus and that I have honestly self-evaluated my assignment to the best of my ability.
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