Learn Git and GitHub

# Resources:

## Websites

1. <https://www.howtogeek.com/180167/htg-explains-what-is-github-and-what-do-geeks-use-it-for/>
2. <https://readwrite.com/2013/09/30/understanding-github-a-journey-for-beginners-part-1/>
3. <https://readwrite.com/2013/10/02/github-for-beginners-part-2/>

You will also notice the links have links to other resources … don’t be bashful, explore and be curious. GitHub is for everyone and not just for coding.

There are many, many more sites. These are the ones I started reviewing when preparing for this project.

## Lynda.com (add these three courses to your playlist)

1. [GitHub Actions First Look](https://www.lynda.com/GitHub-tutorials/GitHub-Actions-First-Look/5002838-2.html), Beginner Level, 26m 29s, Release Date 12.13.2018  
   **no exercise files** … listen, watch, and learn!
2. [Learning Git and GitHub](https://www.lynda.com/Git-tutorials/Up-Running-Git-GitHub/409275-2.html), Intermediate, 1 h 21m, Release Date 7.6.2015  
   **exercise files** … listen, watch, learn, and complete the exercises (***optional***)
3. Git Essential Training, Beginner, 6h 25m, Release Date 8.24.2012  
   there is not an official “to do” from this course … make sure to do the ***What do you already*** know and ***What did you learn?***questions. Reference this course for terminology and other concepts.

## [Github.com](https://github.com/)

# What to do: (order is up to you!)

1. Create an account with GitHub and complete the Hello World guide.
2. Complete the Lynda.com content.
3. Read, review and explore information at the three websites.

# What to submit:

1. A **summary** of what you did, what you learned, how you explored, how you experimented, what your thoughts are about the topic, how can you use it for academic or work-related use, etc. NOTE: this is not an open-ended, feel-good write-up. I completed all the above and had a blast with exploration using Git Bash and GitHub. So, there are certain topics and terminology that should be part of your summary which indicate knowledge of the three articles, completing the Hello World guide, and the two Lynda.com courses. Make sure to include the URL for your GitHub repository. It should contain content reflective of the guide.
2. Both Lynda.com certificates.

# Where to go from here:

Take Git and GitHub as far as you can and even consider using it for work for this class or another class. Did you notice there is a GitHub Education pack for students? I can’t do it since I am not a student, but I signed up for the online Teacher training.

Ask your instructors if they use Git and/or GitHub. If your major is Software and Web Development, you really want to learn this material.

For all students, you will find this exercise may not benefit you this semester, but you (hopefully) will find it benefits you later on in your technical career.