Project – Git & GitHub

* Git is a version control system (VCS) that runs from the command line using a command line interface.
* GitHub is built on top of Git and offers a GUI alternative to the CLI used with Git. The GUI doesn’t offer as many features as Git CLI but may be sufficient to use for version control in my project: <http://programmers.stackexchange.com/questions/173297/why-learn-git-when-there-are-gui-apps-for-github>

Github Training & Guides Video: <https://www.youtube.com/watch?v=8oRjP8yj2Wo&list=PLg7s6cbtAD165JTRsXh8ofwRw0PqUnkVH>

* version controls system allows you to add information on when and why you made a change, and the contents of the changes that were made.
* changes that an individual user makes are relatively easy to keep track of but Git really shines when several people need to collaborate when working on the same document.
* you do not need to use an online system for version control, Git allows you to do this locally if needed.
* using “commit” – actually saves a version of the files as they exist at a given point in time.
* **ACTUALLY USING GIT FROM COMMAND LINE:**

1. we must first register with our details for crediting work
2. we must then initialize our project
3. (all available in video 3)
4. you first create a file
5. next you “add” the file to the repository
6. finally you “commit” the file