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What is GitHub? When was it created? Why? By who? What similar platforms exist? Why would you use such a platform? (Answer between 5 and 10 lines)

Github is a hosting service for your programs. You are allowed to upload your project, which can be made either public or private. Github was founded in February of 2008. There are a few alternatives to Github such as SourceForge, Bitbucket, and many more. Github is useful in today’s world because it allows employers to view your work directly. When applying for a position, the employers are allowed to analyze the way in which you perform a task to figure if you are suitable for a specific job.

Repository – The Git repository is where you are allowed to save your code in your GitHub account. The repository allows storage space for your project to be uploaded and saved.

Commit – The Git commit basically is a way for GitHub to record changes to the created repository.

Push – The Git push command sends the changes you make to the remote position of the repository.

Branch – The branch in Git is creating a copy of the code that the developers can make commits to.

Fork – Fork is basically a copy of a repository. If you fork a project, you are allowed to make changes without disturbing the original project.

Merge – When the users branch a certain project, they are allowed to merge the branches into their master branch.

Clone – Cloning means that you create a local copy of the specific code.

Pull – In Git, when you pull a repository, you are obtaining the most recent changes from your project on your local computer.

Pull request – A pull request is when you are able to contribute to an open source project.

For Step 7, I was able to create the pull request by clicking the edit button and forking the project. After I forked the project, I was then able to add the desired line and submit the pull request. I now have to wait for Professor Scharff to confirm the pull request for the changes to take place.