**Git Cheat Sheet**

**General Commands**

# git status

Display status of working directory

# git add [file\_name]

Add a file to **staging**.

# git add .

Add all **changed** files from the **current directory** to **staging**.

# git diff [branch\_name]

Show difference from current staging to specified branch.

# git checkout -b [branch\_name]

Create **and** checkout a branch.

# git branch

Display all local branches.

# git branch -a

Display local and remote branches.

# git branch -r

Display only remote branches.

# git merge [branch\_name]

Join specified **[branch\_name]** into the branch you are currently working on.

# git branch -d [branch\_name]

Delete **[branch\_name]** if it’s already merged into any other branch. Use **-D** to force delete.

# git log [-n count]

List commit history of current branch. **-n count** limits to the last **n** commits.

# git pull

Update current branch from remote repository.

# git pull [remote\_branch\_name]

Update current repository with code from **[remote\_branch\_name]**.

# git push

Push changes from current branch to remote branch.

# git commit -a

Commit all changed files that have been added to **staging.** Commit must have a message you can use **-m** to add message, or an editor will open.