GIT CHEAT SHEET

V 1.1.1

INSTALL GIT

GitHub for Windows
https://windows.github.com

GitHub for Mac
https://mac.github.com

Git for All Platforms
http://git-scm.com

CONFIGURE TOOLING

`$ git config --global user.name "[name]"`

`$ git config --global user.email "[email address]"`

`$ git config --global color.ui auto`

CREATE REPOSITORIES

Start a new repository or obtain one from an existing URL

`$ git init [project-name]`

`$ git clone [url]`

MAKE CHANGES

Review edits and craft a commit transaction

`$ git status`

`$ git diff`

`$ git add [file]`

`$ git commit -m "[descriptive message]"`

GROUP CHANGES

Name a series of commits and combine completed efforts

`$ git branch`

Lists all local branches in the current repository

`$ git branch [branch-name]`

Creates a new branch

`$ git checkout [branch-name]`

Switches to the specified branch and updates
the working directory

SYNCHRONIZE CHANGES

Register a repository bookmark and exchange version history

`$ git push [alias] [branch]`

Uploads all local branch commits to GitHub

`$ git pull`

Downloads bookmark history and incorporates changes