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