## Getting Setup

git config --global user.name "Your Name"

git config --global user.email "you@ex.com"

### Unix/Mac

git config --global core.autocrlf input

git config --global core.safecrlf true

### Windows

git config --global core.autocrlf true

git config --global core.safecrlf true

## SSH Key Setup

help.github.com/articles/generating-ssh-keys/

## Flow: Creating and Sharing

git init

git add

git status

git commit

git remote add [branch] [address]

git push [branch] master

## Flow: Pull, Fix and Push

git pull [address.git]

<make changes>

git add

git commit

git push

Selective adding

git add -p

|  |  |
| --- | --- |
| git help command | or |
| git command --help |  |

|  |  |  |
| --- | --- | --- |
| Metric \ Service | Github | Bitbucket |
| Public Repos | Unlimited | Max 5 Contributors |
| Private Repos | 5 Private, free as student | Max 5 Contributors |

Verdict – Use Github

<http://www.infoworld.com/article/2611771/application-development/application-development-bitbucket-vs-github-which-project-host-has-the-most.html>

https://education.github.com/discount\_requests/new

# Creating a repository

git init

git add README.md

git commit -m "first commit"

git remote add origin git@github.com:TechplexEngineer/Lunacy.git

git push -u origin master

# Sharing your project on (github/bitbucket/gitlab)

git remote add origin git@github.com:TechplexEngineer/Lunacy.git

git push -u origin master

# Setting up your SSH keys

https://help.github.com/articles/generating-ssh-keys/

# Cloning a project (github/bitbucket/gitlab)

git clone git@github.com:TechplexEngineer/EasyJ4FRC.git

# Understanding Terminology

* Repository