

# Class 2: GITing Started

```
git init; git status; git log; git add; git commit;
```

# Overview

1. Announcements
2. Review
3. Q&A
4. Extras
5. Basic assignment

# Announcements

- Basic - Intro due Jan 31 (next Wednesday)
- Basic/Adv - Git 1 due February 7

# Review

## Git

- Git is a graph
- Commits are nodes
- Branch represents a history
- History is a sequence of commits leading back in time

# Review

## Git

- `git init`: initialize repo
- `git add`: stage files
- `git commit`: commit changes
- `git branch`: create branches
- `git switch`: switch branches

# Q&A

# Extra

- `git diff`
- `git stash`
  - `git pop`
- Don't version junk files
  - `.gitignore`

# Activities

## dotfile repo

- Create a repo that has your configuration files
- Useful if you need to set up a new computer!



# Activities

## GitHub pages

- Can host static webpages for you
- Can also use static site generators
- <https://pages.github.com/>

# Activities

## Version a project

- Have an assignment in 280/281/etc.?
- Try versioning it with Git!
- Try using a .gitignore

# Basic assignment

# Addenda

# Core commands

- `git init`
- `git status`
- `git log`
- `git add`
- `git reset`
- `git commit`
- `git branch`
- `git checkout`
  - `(git switch)`
  - `(git restore)`
- `git merge`

# Remote and Collaboration commands

- `git clone`
- `git fetch`
- `git pull`
- `git push`
- `git remote`

## Additional Commands

- `git help`
- `git stash`
- `git show`
- `git diff`
- `git rebase`
- `git blame`