

Getting Started with Final Project: Github Repo & Starter Code

COS 426: Computer Graphics (Spring 2022)

Henry Wang, Vedant Dhopte

Agenda

- Final Project Logistics
- Set up Github Repository
- Starter Code

Final Project

- Proposal feedback out (or should be soon!)
- Intermediary Written Report
 - Due May 3 (Dean's date)
 - Example outline available on [project specs](#)
- Presentations and Demos, May 5 (over Zoom!)
- Check-in twice with your assigned TA
 - Sometime this week (or early next week!)
 - Before the presentation

Starting things - starter code

- Download the [starter code](#)
- Read the ReadMe and Try to Run It!
 - We will demo this
 - Mac User: "Error: `gyp` failed with exit code: 1"
 - try "xcode-select --install" to install xcode tools
 - or "sudo rm -rf \$(xcode-select -print-path); xcode-select --install" to reinstall

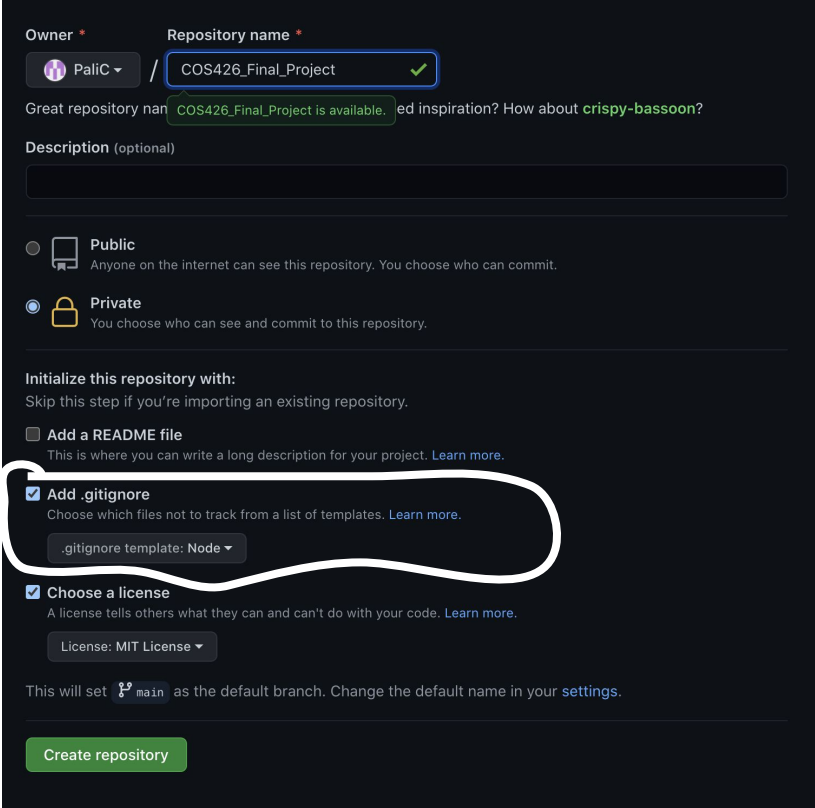
Starting things - git

- Turn the seed into a [repository on github](#) or [start your own one](#)
 - [Share it](#) with your partner
 - If your new to git look at this [cheat sheet](#)
 - Add a .gitignore file
- Highly recommend using [VSCode](#) for git integration



Add a .gitignore file !!!!

- NPM installs packages locally for you.
- Make use of this and don't push packages otherwise it'll take forever to git push and pull



The screenshot shows the GitHub repository creation interface. The 'Repository name' field is set to 'COS426_Final_Project'. The 'Description' field is empty. The 'Public' option is selected, but the 'Private' option is also visible. Under the 'Initialize this repository with:' section, the 'Add .gitignore' checkbox is checked and highlighted with a white circle. Below it, the '.gitignore template: Node' dropdown is visible. The 'Choose a license' checkbox is also checked, with 'MIT License' selected. At the bottom, there is a green 'Create repository' button.

Owner * PaliC / Repository name * COS426_Final_Project ✓

Great repository name COS426_Final_Project is available. Need inspiration? How about [crispy-bassoon?](#)

Description (optional)

Public
Anyone on the internet can see this repository. You choose who can commit.

Private
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

Add a README file
This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: Node ▾

Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)

License: MIT License ▾

This will set `main` as the default branch. Change the default name in your [settings](#).

Create repository

Very Basic Git Workflow

- Useful commands:
 - `git pull`
 - Make your changes to the code
 - `git add <modified file names>`
 - To add all changes you can just use `'git add .'`
 - `git commit -m '<commit message>'`
 - `git push`

