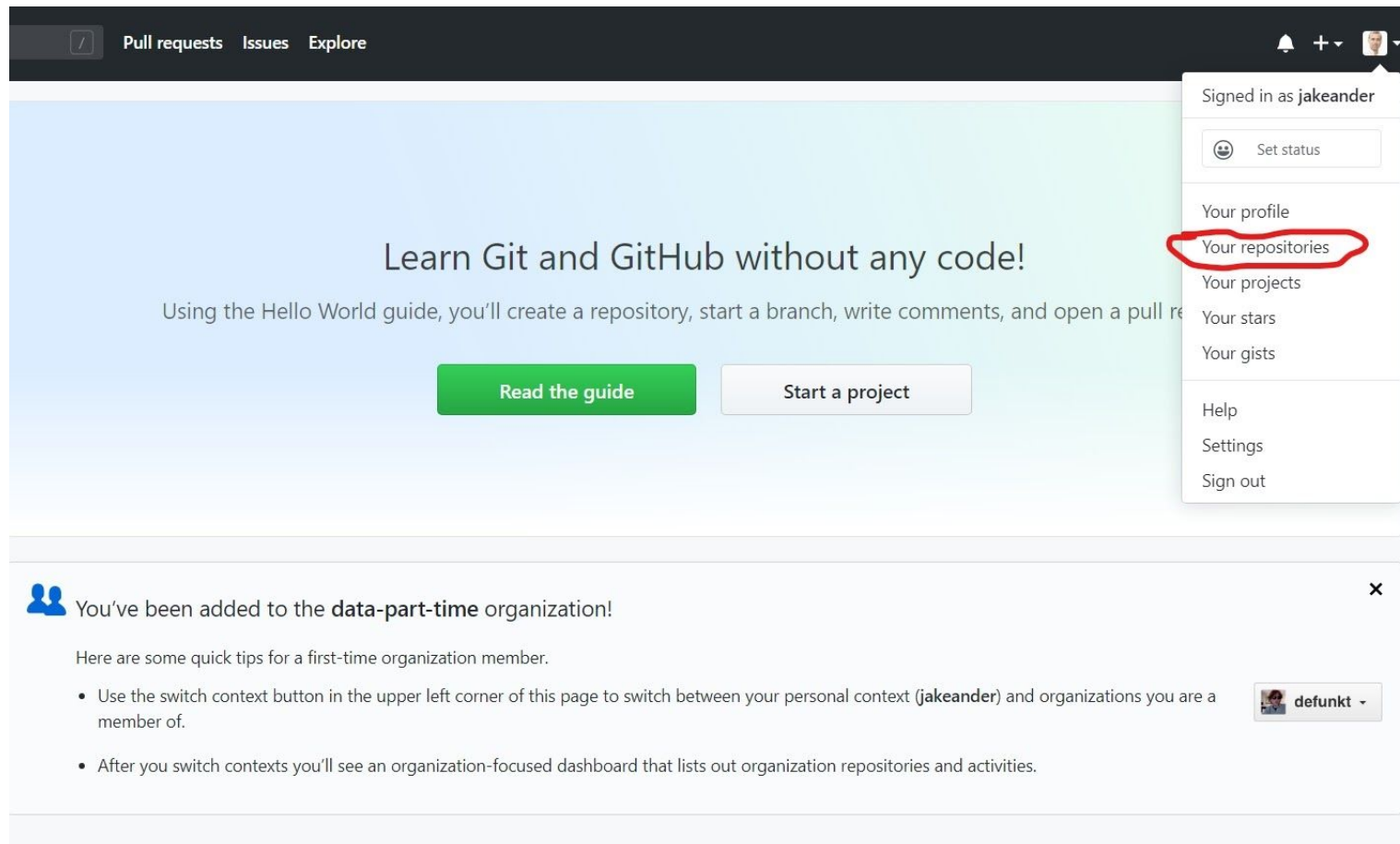


## Connect a remote repository to a local repository

1. Step 1 - Sign into your General Assembly Github account
  - a. Login through git.generalassemb.ly
2. Step 2 - Go to "Your Repositories" page



The screenshot shows the GitHub homepage. The top navigation bar includes links for Pull requests, Issues, and Explore. The main heading reads "Learn Git and GitHub without any code!" with a subtext "Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request." Below this are two buttons: "Read the guide" (green) and "Start a project" (grey). On the right, a user profile dropdown menu is open, showing the user is signed in as "jakeander". The menu items are: "Set status", "Your profile", "Your repositories" (circled in red), "Your projects", "Your stars", "Your gists", "Help", "Settings", and "Sign out". At the bottom, a notification banner states "You've been added to the data-part-time organization!" and provides quick tips for a first-time member. A switch context button for "defunkt" is also visible.

Pull requests Issues Explore

Signed in as **jakeander**

Set status

Your profile

**Your repositories**

Your projects

Your stars

Your gists

Help

Settings

Sign out

**Learn Git and GitHub without any code!**


Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request

[Read the guide](#) [Start a project](#)

**You've been added to the data-part-time organization!**

Here are some quick tips for a first-time organization member.

- Use the switch context button in the upper left corner of this page to switch between your personal context (**jakeander**) and organizations you are a member of.
- After you switch contexts you'll see an organization-focused dashboard that lists out organization repositories and activities.

 **defunkt**

3. Once you get to your repo page, click on the green button that looks like a notebook. This will create a new repository

The screenshot shows the GitHub Enterprise interface for a user named Jake Anderson. The top navigation bar includes the GitHub logo, 'Enterprise', a search bar, and links for 'Pull requests', 'Issues', and 'Explore'. The user's profile is on the left, featuring a profile picture, a 'Set status' button, the name 'GA Jake Anderson', the username 'jakeander', an 'Edit profile' button, an email address 'jake.anderson@generalassembly.ly', and a note 'Joined 16 days ago'. Below the profile, there are organization logos for 'DS' and 'GA'.

The main content area displays the 'Repositories' tab, which lists three repositories: 'GA-SubmitNew', 'GA-Submit', and 'DATR-April-2020'. Each repository entry includes its name, update time, and a 'Star' button. The 'DATR-April-2020' repository is marked as 'Private' and is a 'Jupyter Notebook' updated 7 days ago. A green 'New' button with a notebook icon is circled in red at the top right of the repository list.

Overview **Repositories 3** Projects 0 Stars 1 Followers 0 Following 0

Find a repository... Type: All Language: All **New**

**GA-SubmitNew** ★ Star  
Updated 16 hours ago

**GA-Submit** ★ Star  
Updated 17 hours ago

**DATR-April-2020** Private ★ Star  
Jupyter Notebook Updated 7 days ago

**GA Jake Anderson**  
jakeander  
Edit profile  
jake.anderson@generalassembly.ly  
Joined 16 days ago

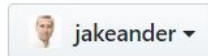
Organizations  
DS GA

- This will take you to a page that allows you to name and get the new repo setup. Give the repository a name, make it public, don't click on initialize this repository with a repo, then click on "Create Repository"

## Create a new repository

A repository contains all project files, including the revision history.

Owner



Repository name \*



Great repository names are short and memorable. Need inspiration? How about **sturdy-robot**?

Description (optional)



**Public**

Anyone can see this repository. You choose who can commit.



**Private**

You choose who can see and commit to this repository.

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


☐ **Initialize this repository with a README**

This will let you immediately clone the repository to your computer.

Add .gitignore: **None** ▼

Create repository

5. You will now be on the below page with git instructions.

 **jakeander** / **GA-Submit-V1**

Unwatch ▾ 1

★ Star 0

🔗 Fork 0

↔ Code

🔔 Issues 0

🔗 Pull requests 0

📁 Projects 0

📖 Wiki

📊 Insights

⚙ Settings

### Quick setup — if you've done this kind of thing before

📁 Set up in Desktop

 or 

HTTPS

SSH

https://git.generalassemb.ly/jakeander/GA-Submit-V1.git

📄

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

### ...or create a new repository on the command line

```
echo "# GA-Submit-V1" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://git.generalassemb.ly/jakeander/GA-Submit-V1.git
git push -u origin master
```

📄

### ...or push an existing repository from the command line

```
git remote add origin https://git.generalassemb.ly/jakeander/GA-Submit-V1.git
git push -u origin master
```

📄

6. Create a folder on your computer if you have not done so already. This will be your local repository. You will eventually have your files in this folder and then we will push files from your computer to Github. It doesn't matter where the folder is on your computer.

The screenshot displays two windows side-by-side. The left window is a web browser showing the GitHub repository page for 'jakeander/GA-Submit-V1'. The page includes a 'Quick setup' section with options for 'Set up in Desktop' (selected), 'HTTPS', and 'SSH'. Below this, there are instructions for creating a new repository on the command line and pushing an existing repository. The right window is a Windows File Explorer showing the 'GitPractice' folder on the Desktop. The folder 'GA-Submit-V1' is visible, created on 4/9/2020 at 1:04 PM.

**Quick setup — if you've done this kind of thing before**

☒ Set up in Desktop or ☐ HTTPS ☐ SSH `https://git.generalassemb.ly/jakeander/GA-Submit-V1.git`

Get started by creating a new file or uploading an existing file. We recommend every repository include a README.

**...or create a new repository on the command line**

```
echo "# GA-Submit-V1" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://git.generalassemb.ly/jakeander/GA-Submit-V1.git
git push -u origin master
```

**...or push an existing repository from the command line**

```
git remote add origin https://git.generalassemb.ly/jakeander/GA-Submit-V1.git
git push -u origin master
```

**ProTip!** Use the URL for this page when adding GitHub as a remote.

1 item

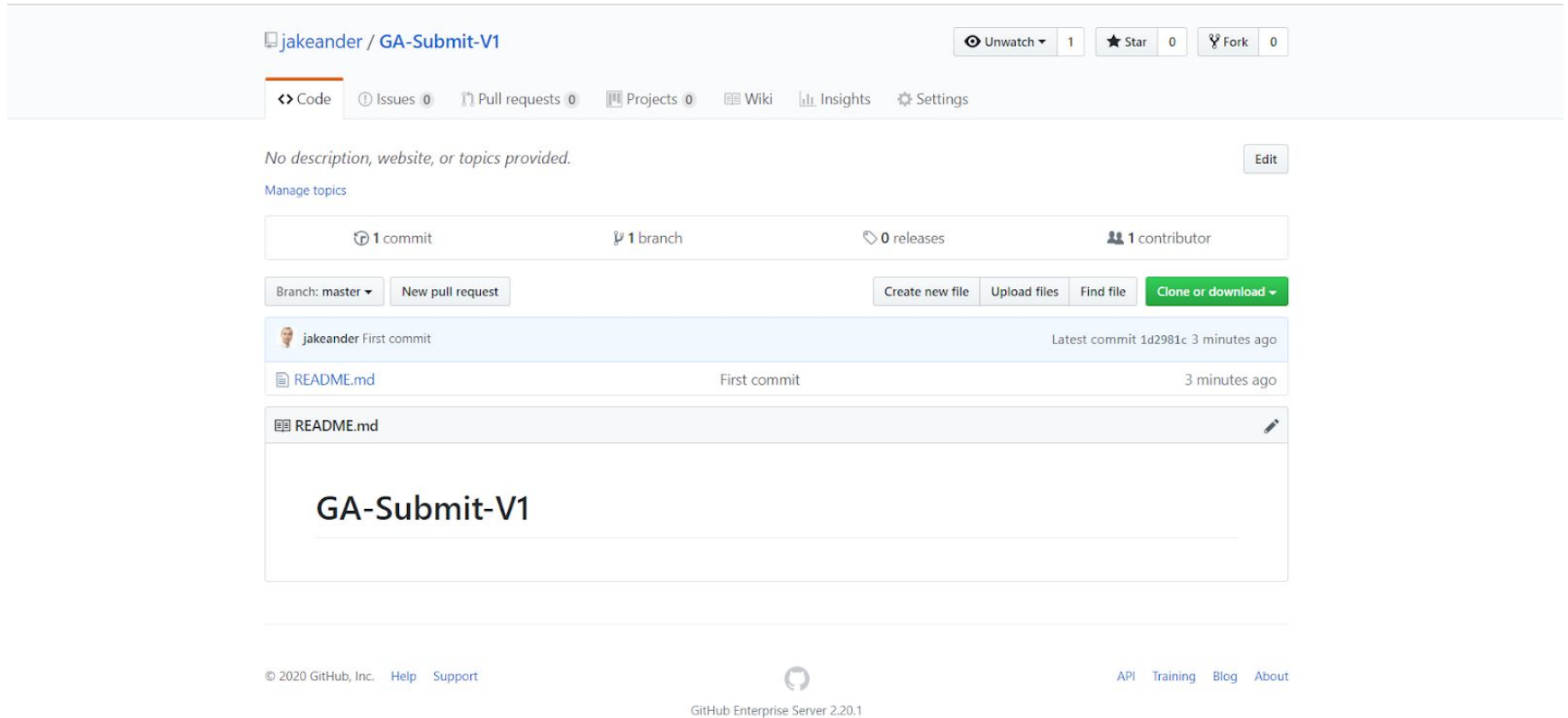
7. Run Git Bash or the Terminal inside of that folder that you just created. If you are not in that folder automatically, use the command `cd` to get to that folder. Once inside of your folder, run the commands that are on the Github page for the repository you just made. NOTE: Don't run "`git add README.md`". Run "`git add .`" instead. This fixed my error from last night. A lot of people forget the git commit command line. This is important to run.

The screenshot shows a web browser window displaying the GitHub repository page for 'jakeander/GA-Submit-V1'. The page includes a 'Quick setup' section with instructions for setting up the repository on the desktop or via command line. The 'Set up in Desktop' section is active, showing the repository URL: `https://git.generalassemb.ly/jakeander/GA-Submit-V1.git`. Below this, there are instructions for creating a new repository on the command line and pushing an existing repository from the command line.

The terminal window on the right shows the execution of the following commands:

```
jake@DESKTOP-EOL4EBD MINGW64 ~/Desktop/GitPractice/GA-Submit-V1
$ echo "# GA-Submit-V1" >> README.md
jake@DESKTOP-EOL4EBD MINGW64 ~/Desktop/GitPractice/GA-Submit-V1
$ git init
Initialized empty Git repository in C:/Users/Jake/Desktop/GitPractice/GA-Submit-V1/.git/
jake@DESKTOP-EOL4EBD MINGW64 ~/Desktop/GitPractice/GA-Submit-V1 (master)
$ git add .
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory
jake@DESKTOP-EOL4EBD MINGW64 ~/Desktop/GitPractice/GA-Submit-V1 (master)
$ git remote add origin https://git.generalassemb.ly/jakeander/GA-Submit-V1.git
jake@DESKTOP-EOL4EBD MINGW64 ~/Desktop/GitPractice/GA-Submit-V1 (master)
$ git commit -m "First commit"
[master (root-commit) 1d2981c] First commit
1 file changed, 1 insertion(+)
 create mode 100644 README.md
jake@DESKTOP-EOL4EBD MINGW64 ~/Desktop/GitPractice/GA-Submit-V1 (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 235 bytes | 235.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://git.generalassemb.ly/jakeander/GA-Submit-V1.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
jake@DESKTOP-EOL4EBD MINGW64 ~/Desktop/GitPractice/GA-Submit-V1 (master)
$
```

8. This should now establish the connection between your remote repository (General Assembly Github) and your local repository (your computer). Your Github repository should look similar to the below screenshot after your refresh.



## Errors

- Unable to push error.
  - What fixed this for me is running “git add .” instead of “git add readme.md”. I think it’s because I might have misspelled readme.md. A lot of these commands are case sensitive
- Access permissions error
  - Check to make sure you repo is public, not private. That can be found on the settings of your repo page.