

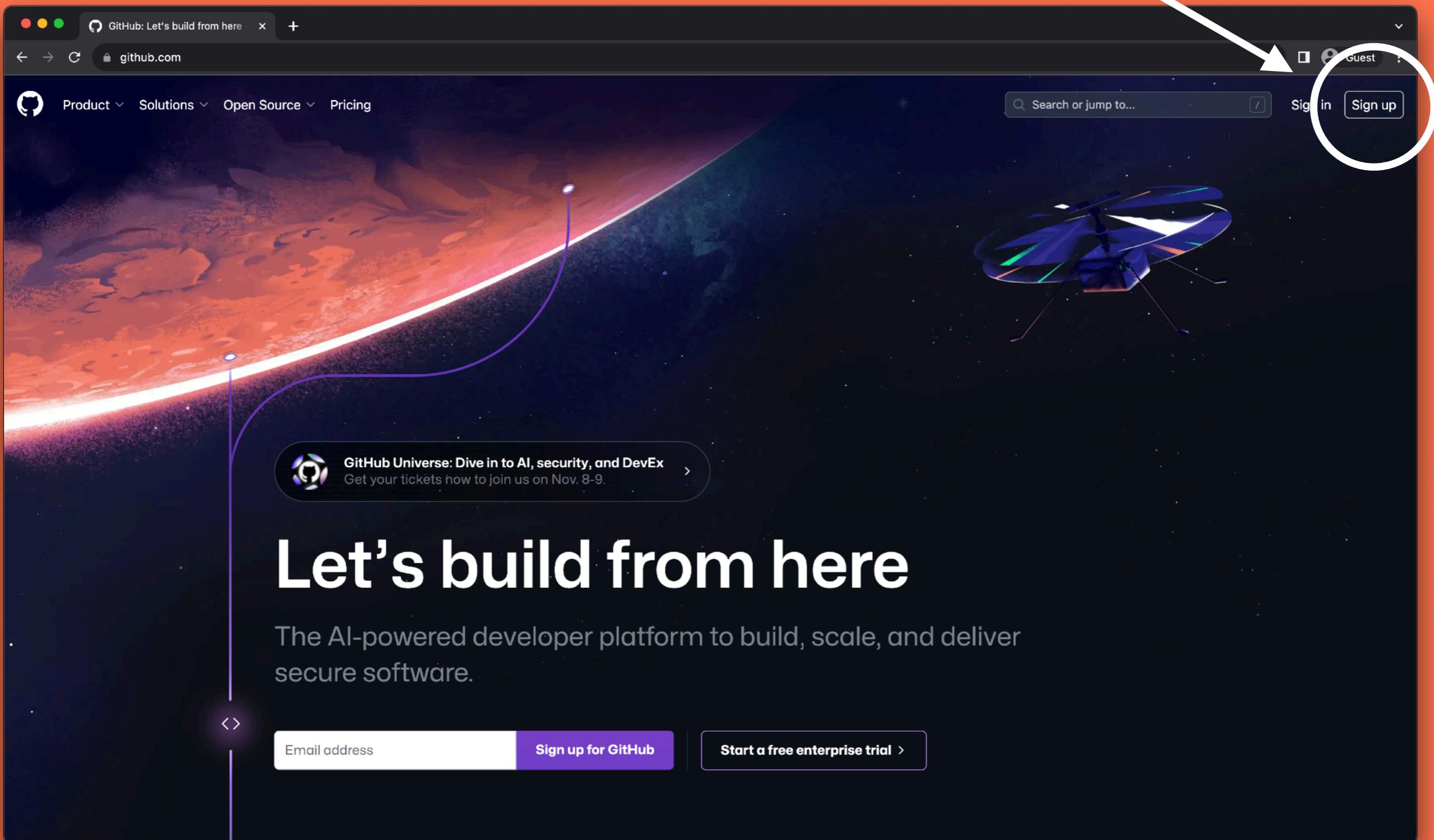
How to launch a website

(so that other people can see it too!)

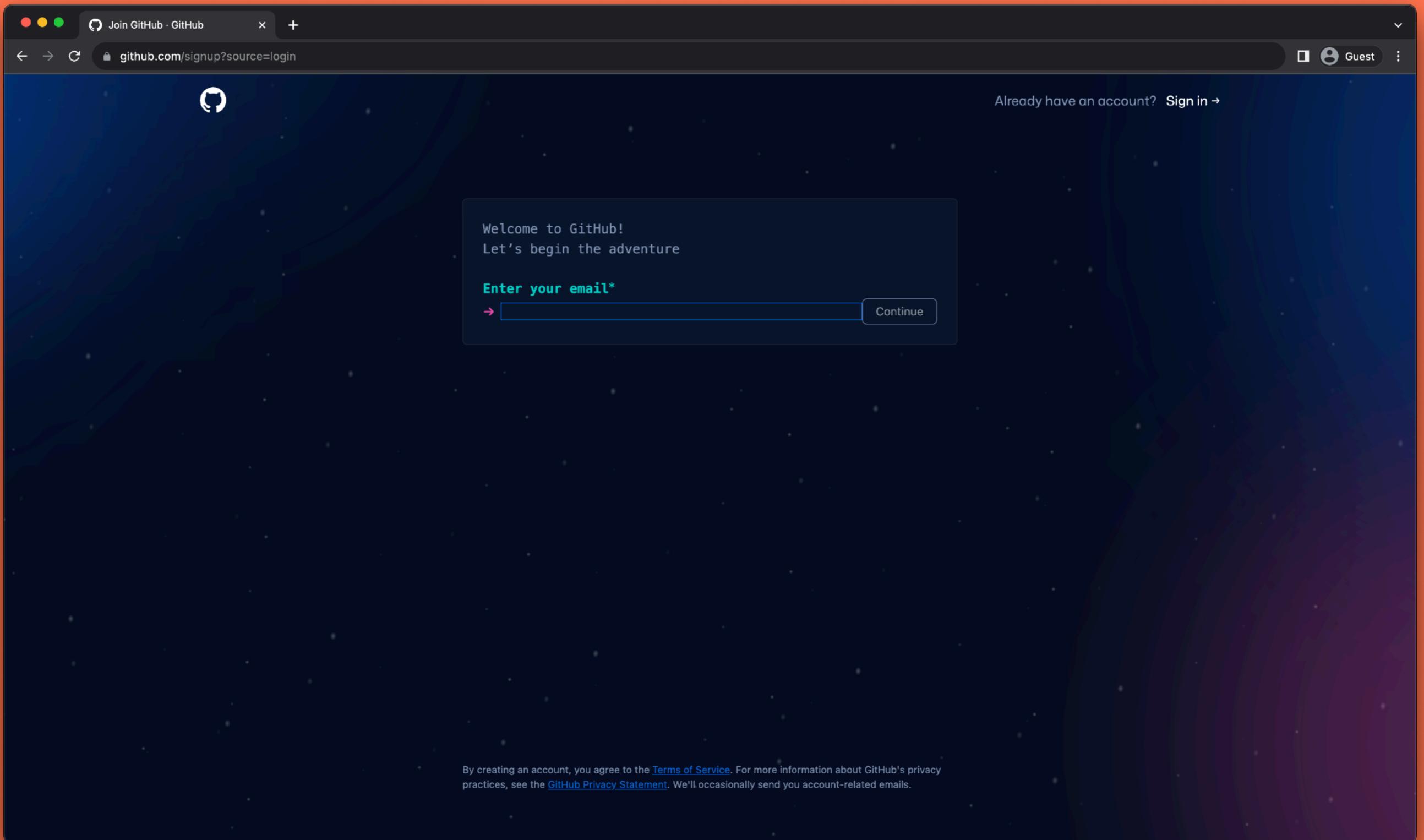
STEP 1

Create a GitHub account

Go to github.com and click “Sign up”



Fill in your information

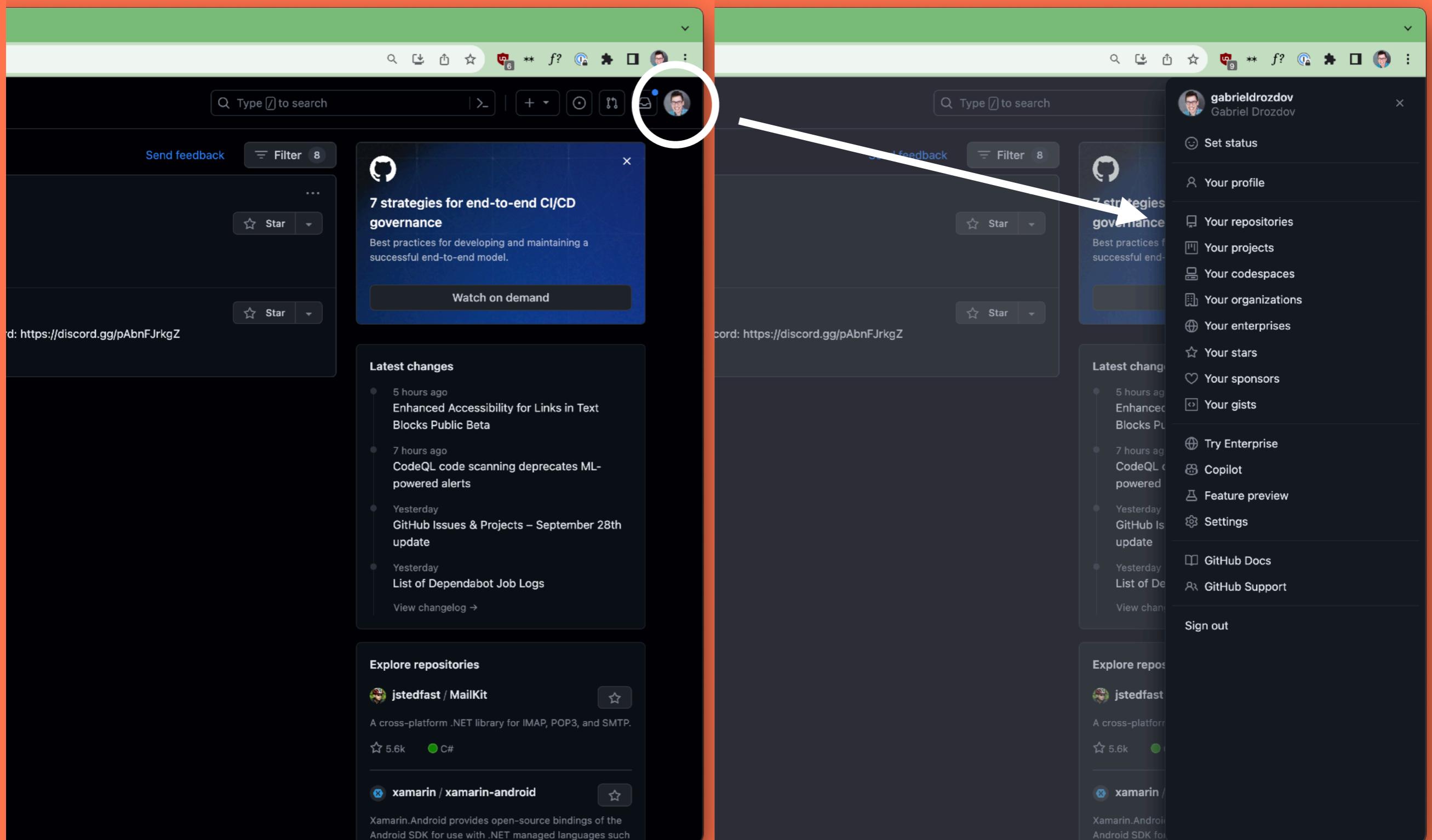


Verify your email once your account is created!

When you're done, the Github homepage should look like this.

The screenshot shows the GitHub homepage with the user 'gabrieldrozdov' logged in. The left sidebar displays 'Top Repositories' including 'gabrieldrozdov/web-programming-workshop', 'gabrieldrozdov/risd-gd-mfa-biennial-2023', 'gabrieldrozdov/vfw23', 'gabrieldrozdov/wpw22', 'gabrieldrozdov/pixel-weaver', 'gabrieldrozdov/spore-site', and 'gabrieldrozdov/nfnhnt'. Below this is a 'Recent activity' section with a placeholder message: 'When you take actions across GitHub, we'll provide links to that activity here.' The main 'Home' section features 'Trending repositories' with 'mistralai/mistral-src' (Python, 1.1k stars) and 'microsoft/autogen' (Jupyter Notebook, 1.3k stars). A '7 strategies for end-to-end CI/CD governance' card is visible. The right sidebar shows 'Latest changes' with updates from 5 hours ago, 7 hours ago, and yesterday, along with a 'View changelog' link. The bottom section is titled 'Explore repositories' with cards for 'jstedfast / MailKit' (cross-platform .NET library for IMAP, POP3, and SMTP, 5.6k stars, C#) and 'xamarin / xamarin-android' (Android SDK bindings for .NET managed languages, 5.6k stars).

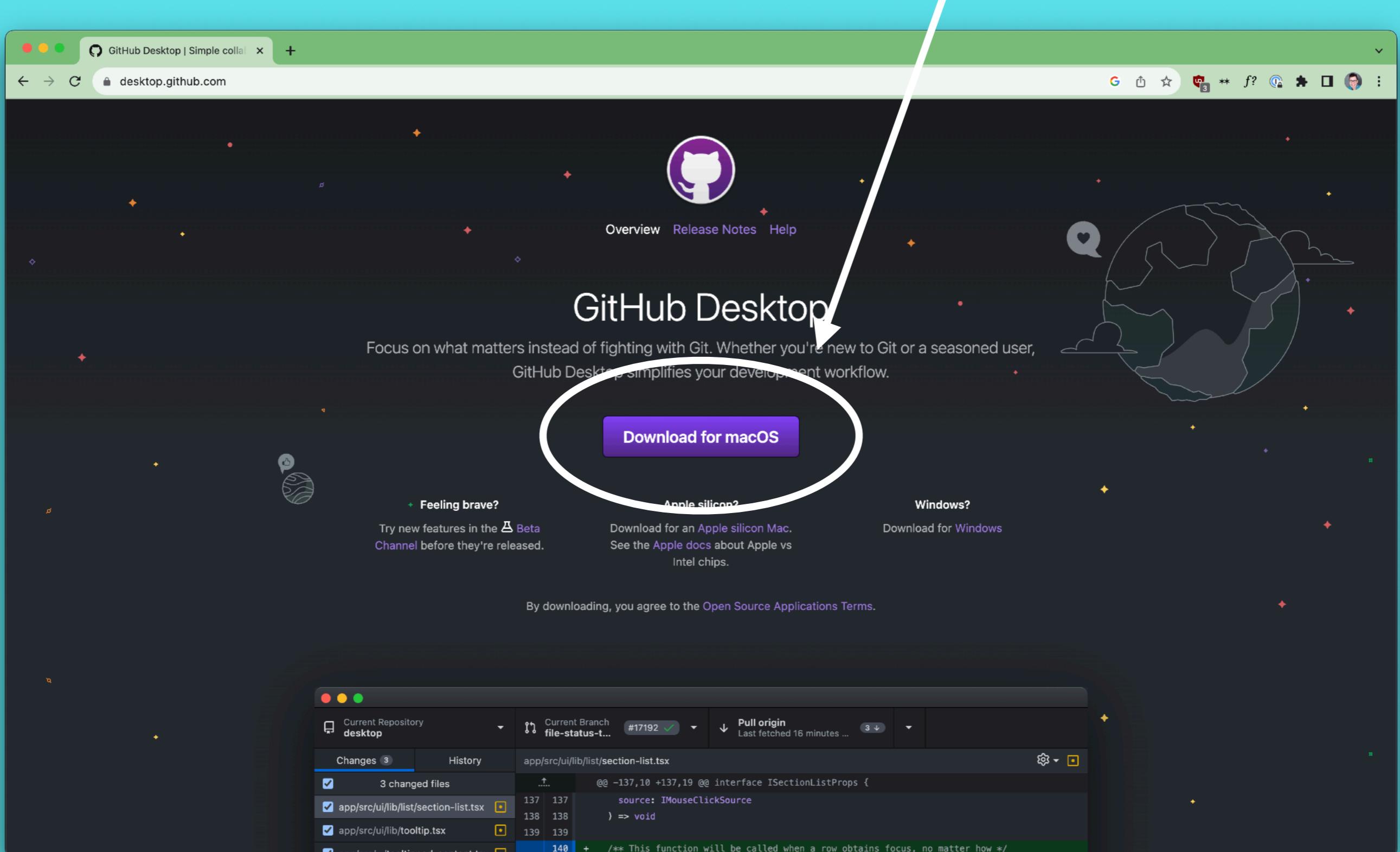
**Click on your face icon to pull up the menu.
“Your repositories” is where all of your code will live.**



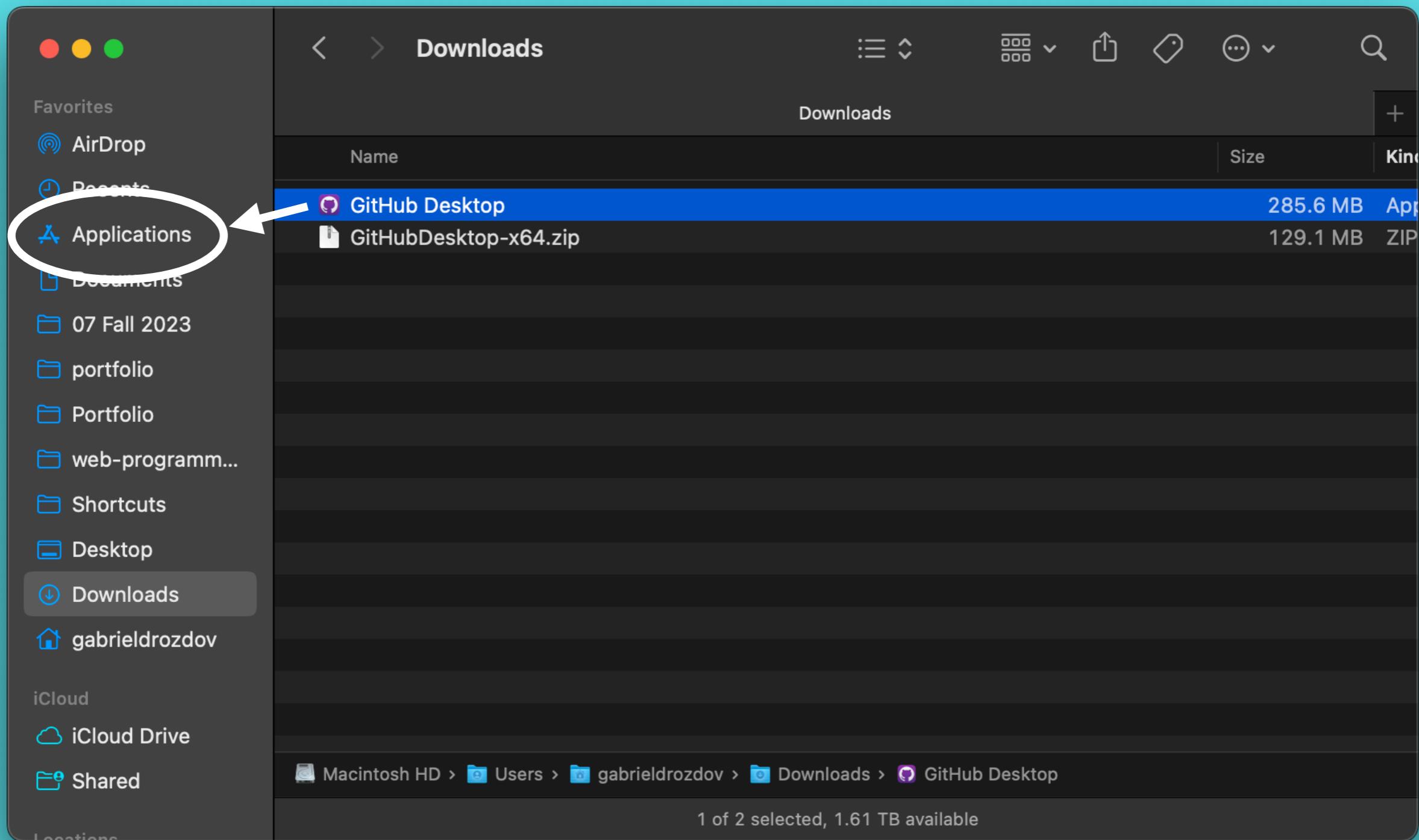
STEP 2

Create a repository using GitHub Desktop

Download GitHub Desktop at <https://desktop.github.com/>

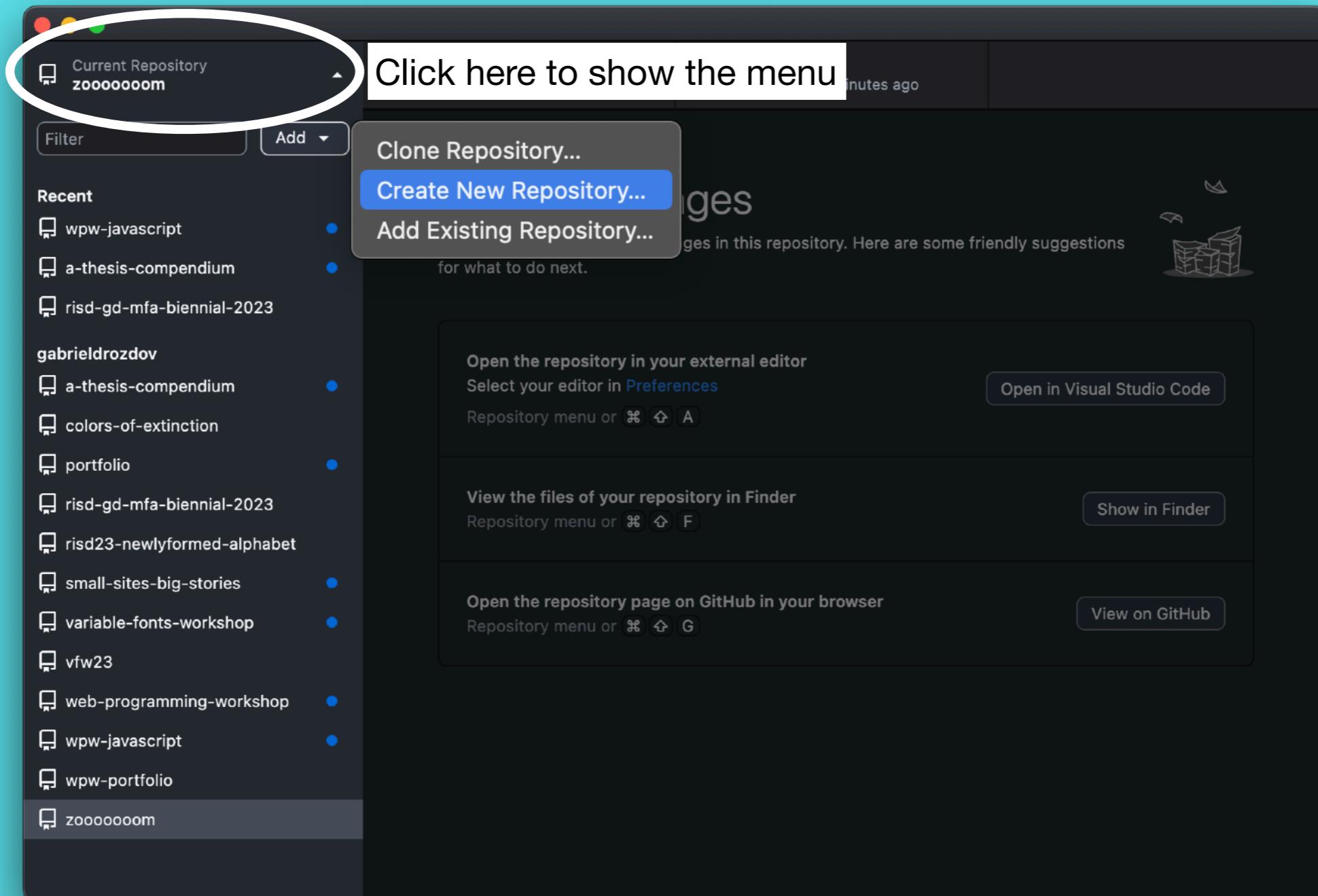


**Double-click the downloaded .zip file.
Drag the app to your Applications folder before opening it!
(The process will be a little different on Windows.)**

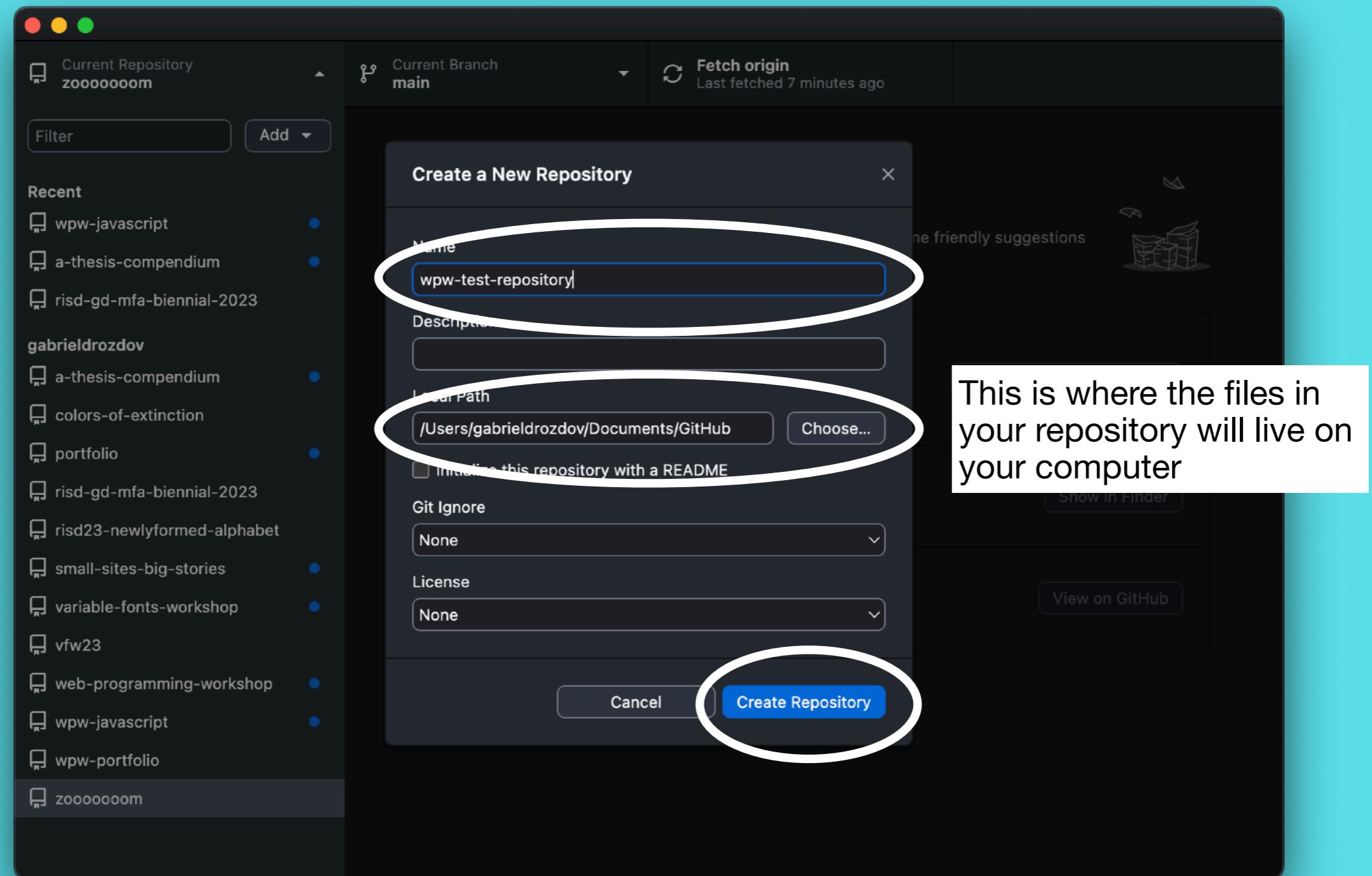


Open GitHub Desktop and login to your GitHub account.

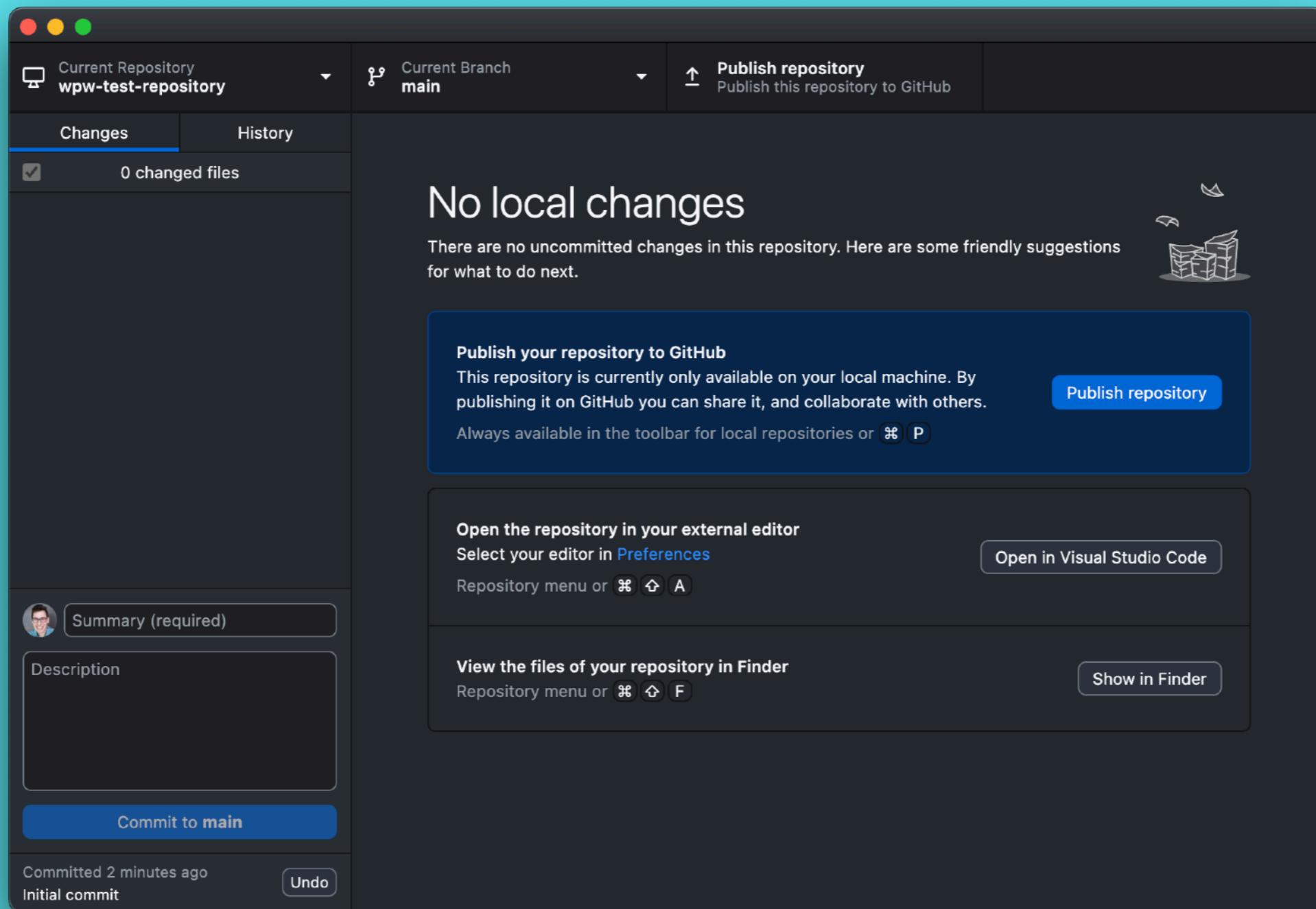
Create your first repository. (Your interface may look different than mine.)



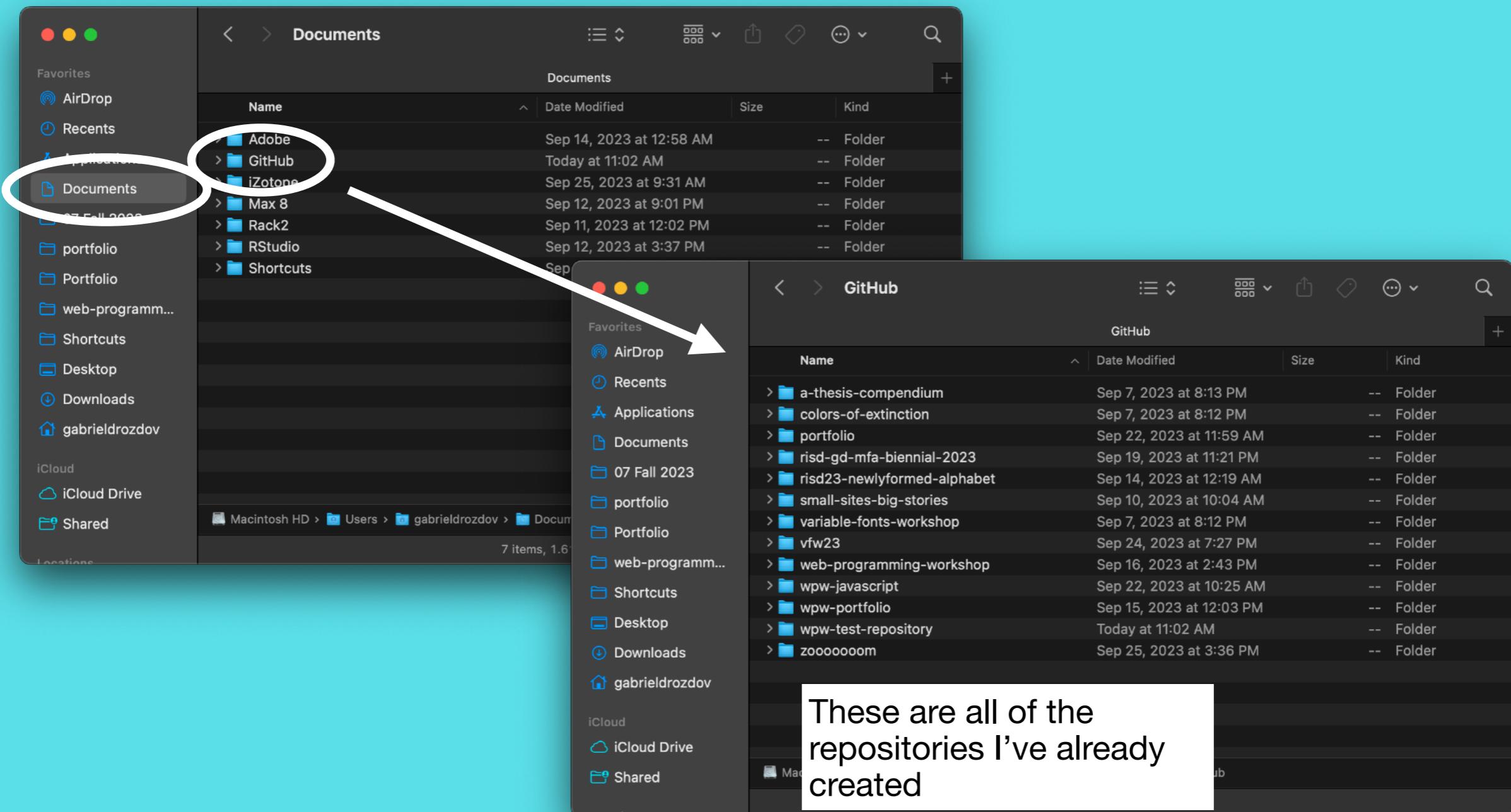
Give your repository a name.
Generally speaking, only use lowercase letters and no punctuation
(except for hyphens or underscores).



You should see something like this when you're done.



In your Documents folder, you should now have a GitHub folder. Inside that folder, you should see your repository.

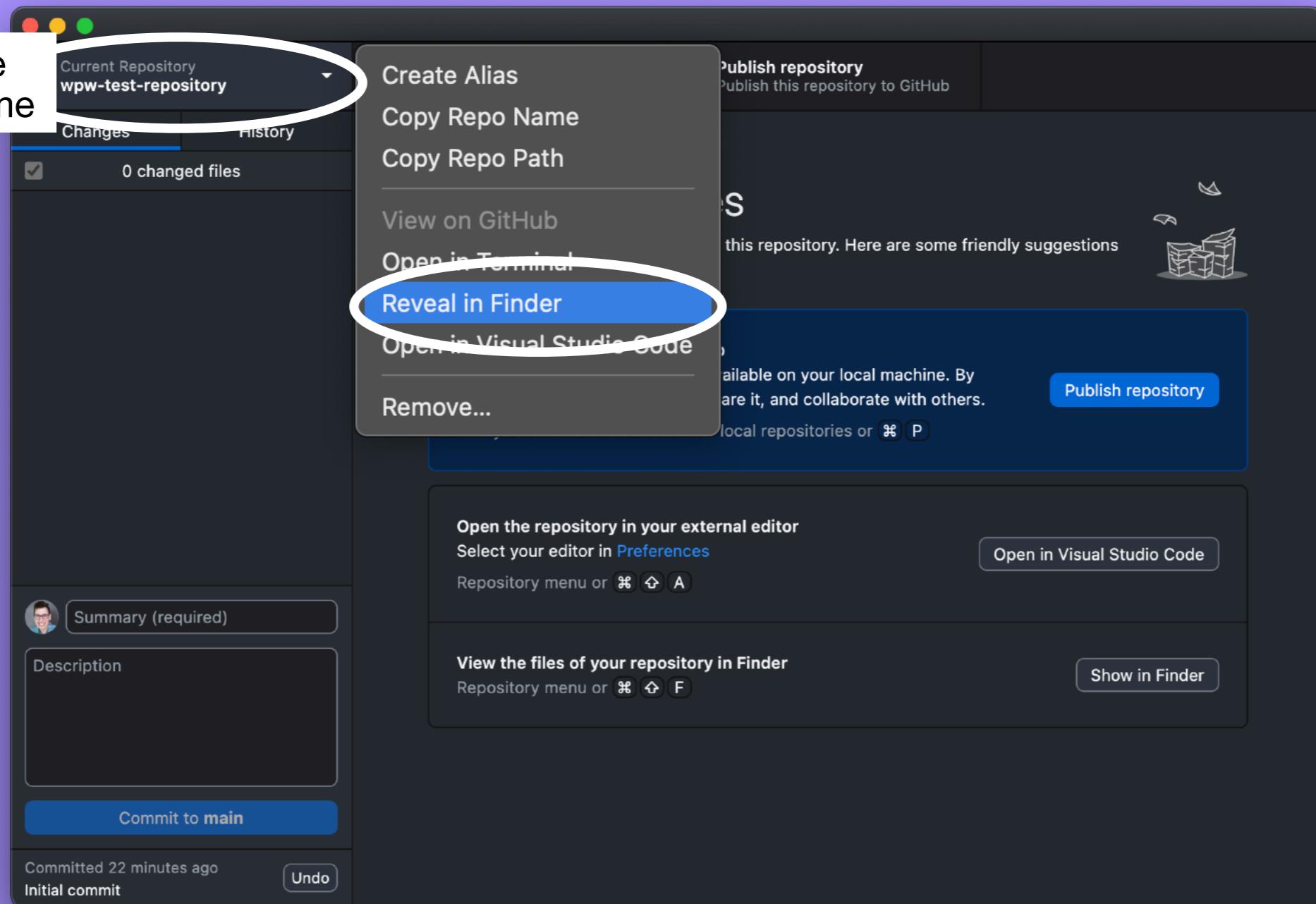


STEP 3

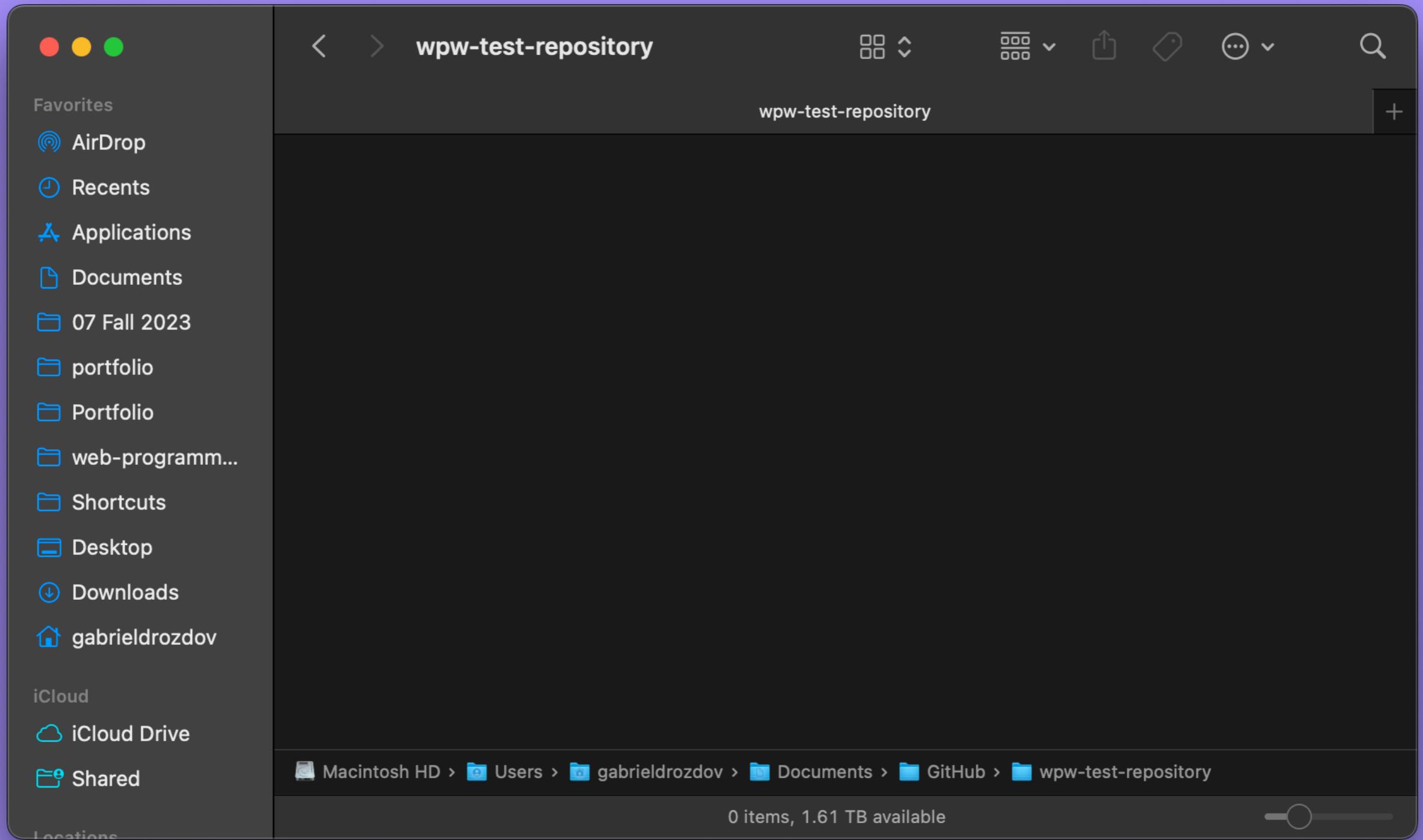
Push (aka upload) files to your repository

First, lets open your repository's folder on your computer.
You can do this via finder or the shortcut above.

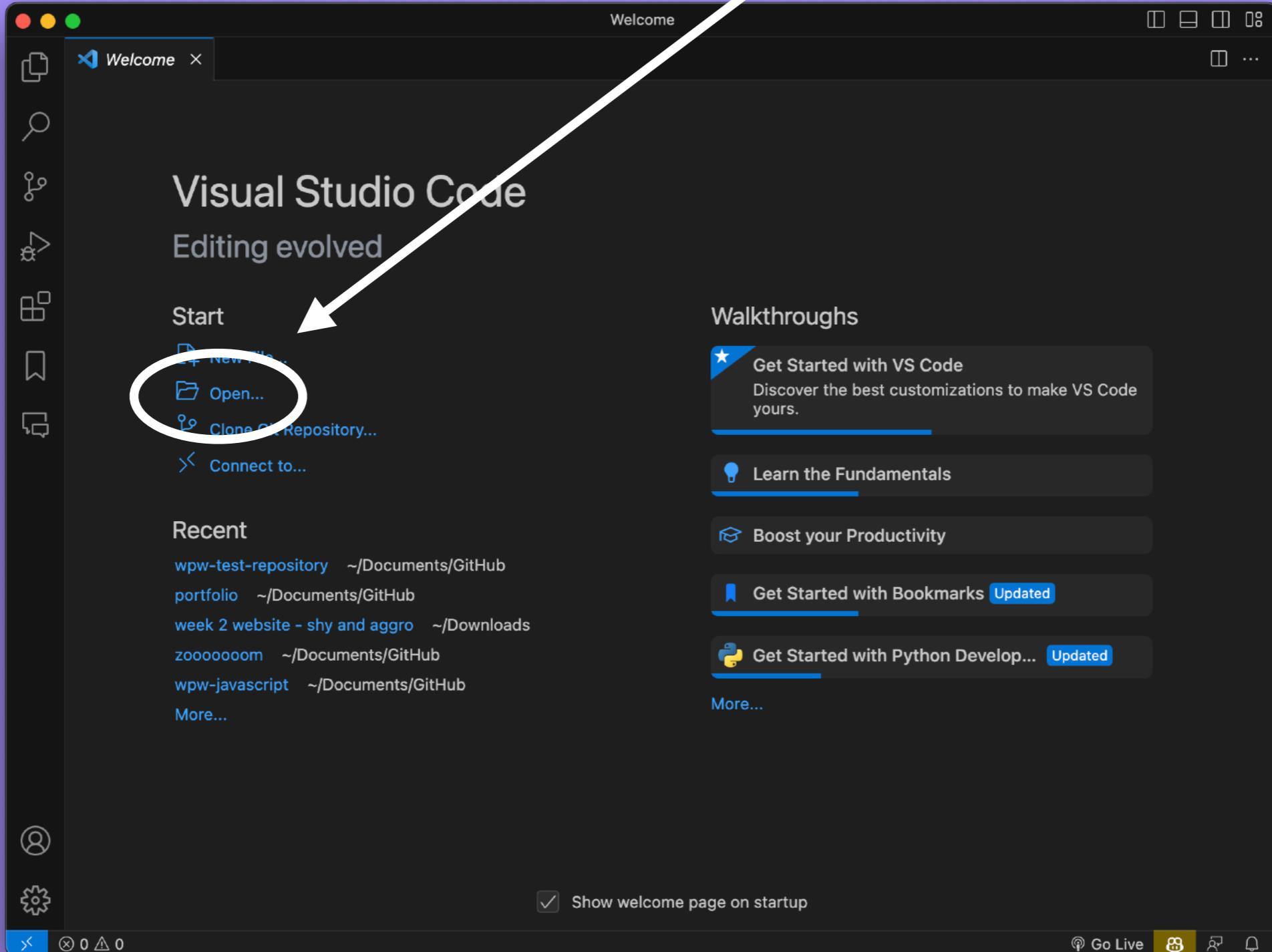
Right-click the
repository name



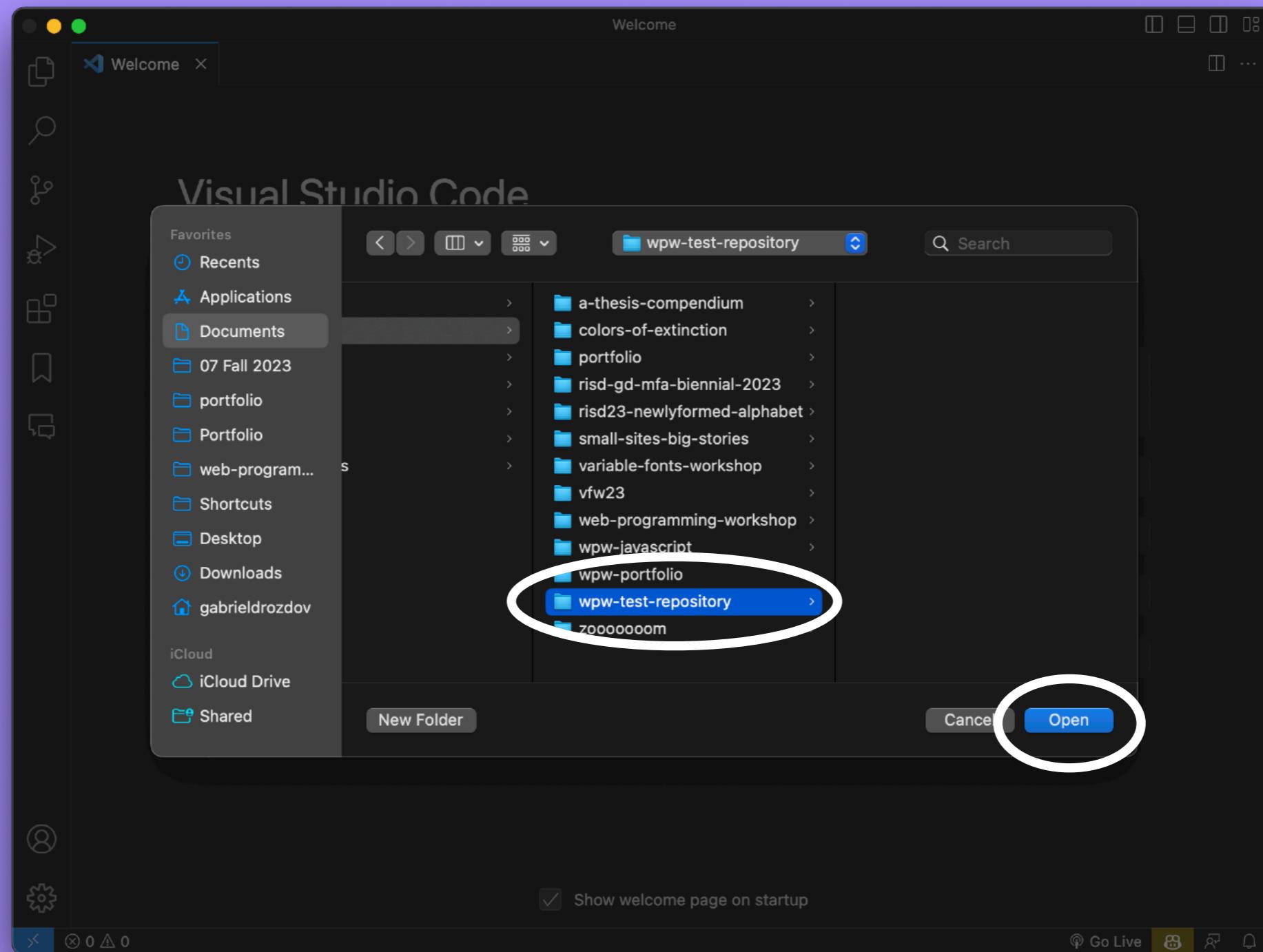
Right now, your repository's folder is empty.
You may want to add it to your sidebar for easy access.



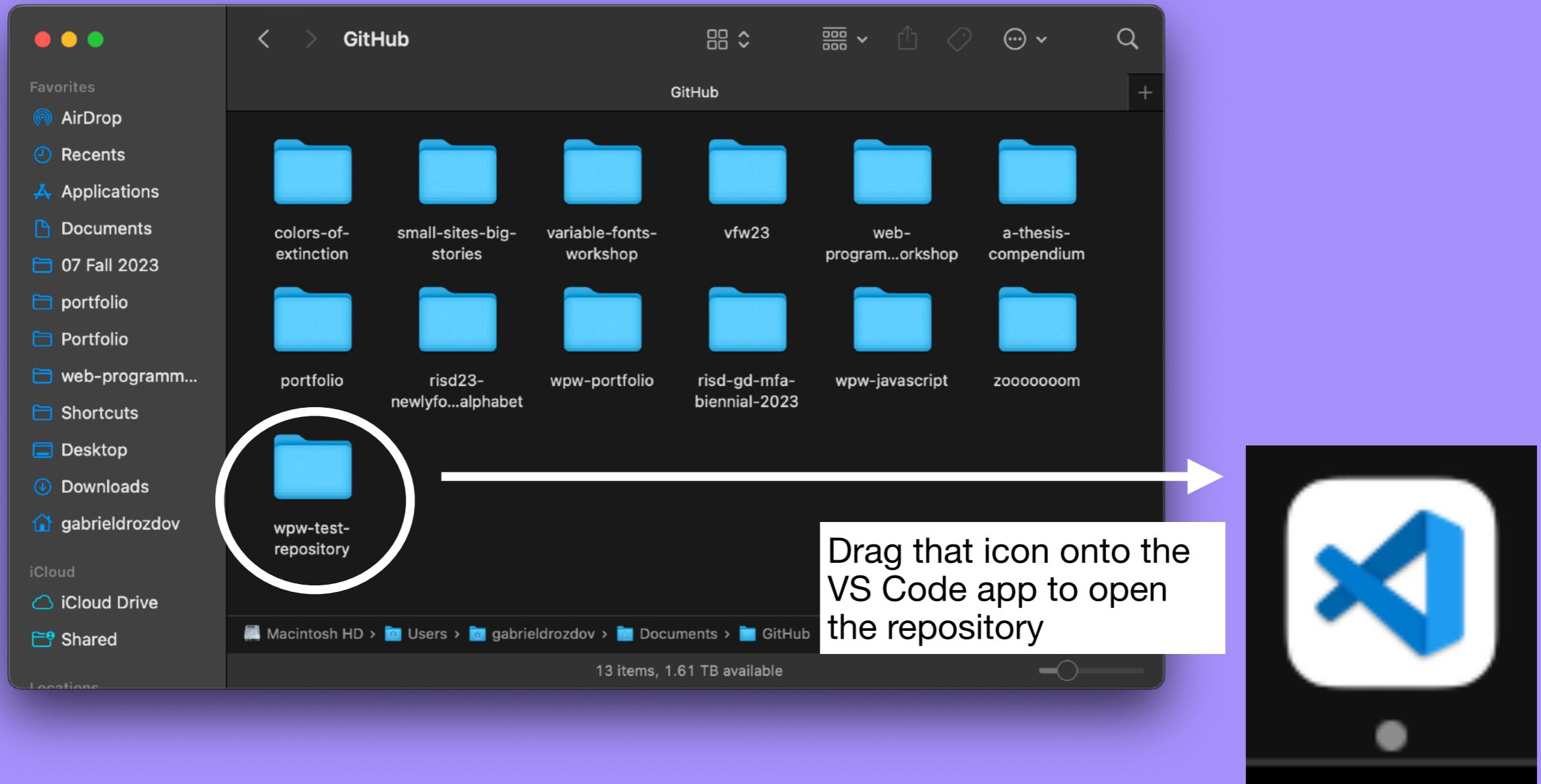
Open VS Code. Click on “Open”.



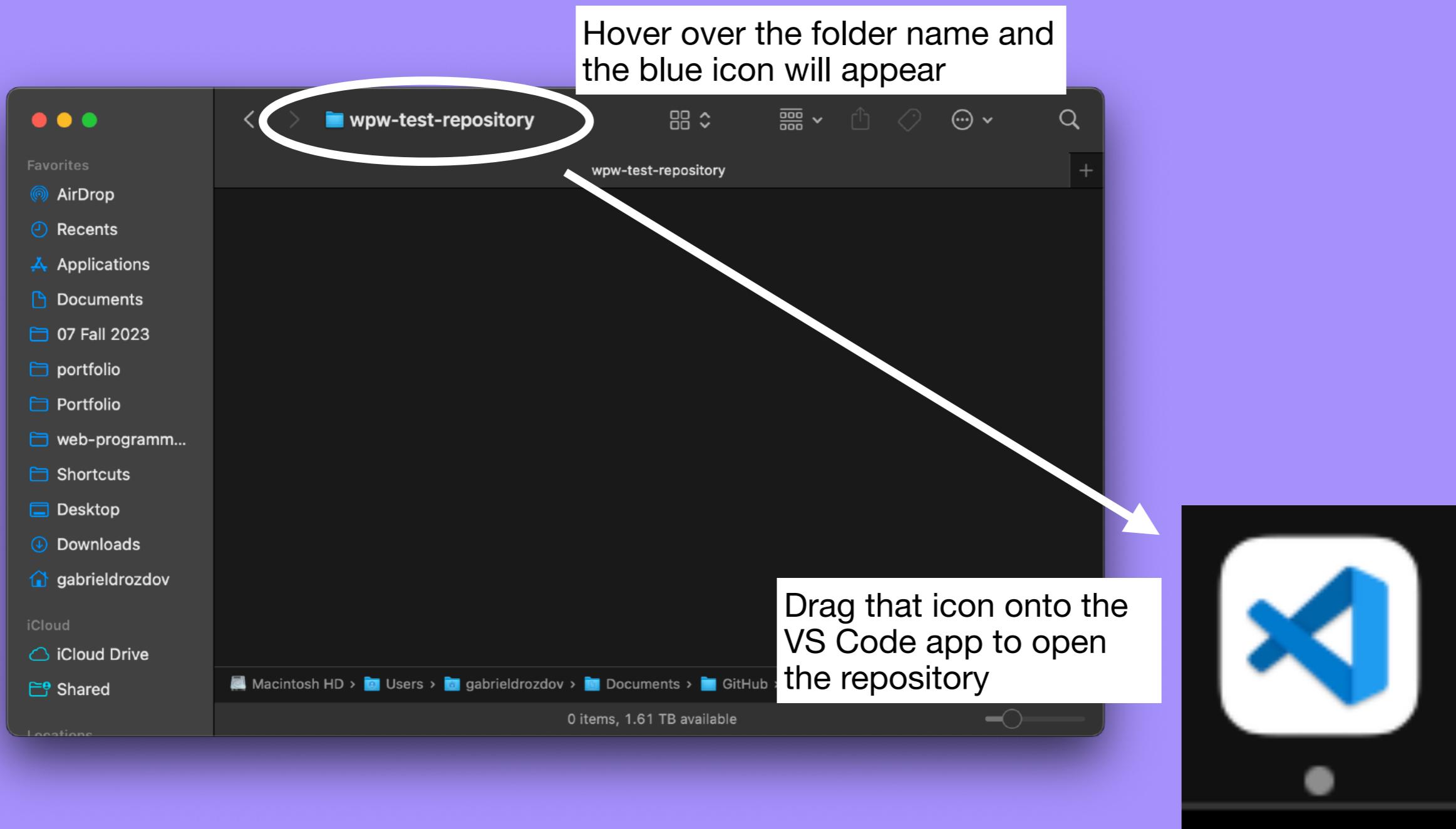
Navigate to your repository and click “Open”



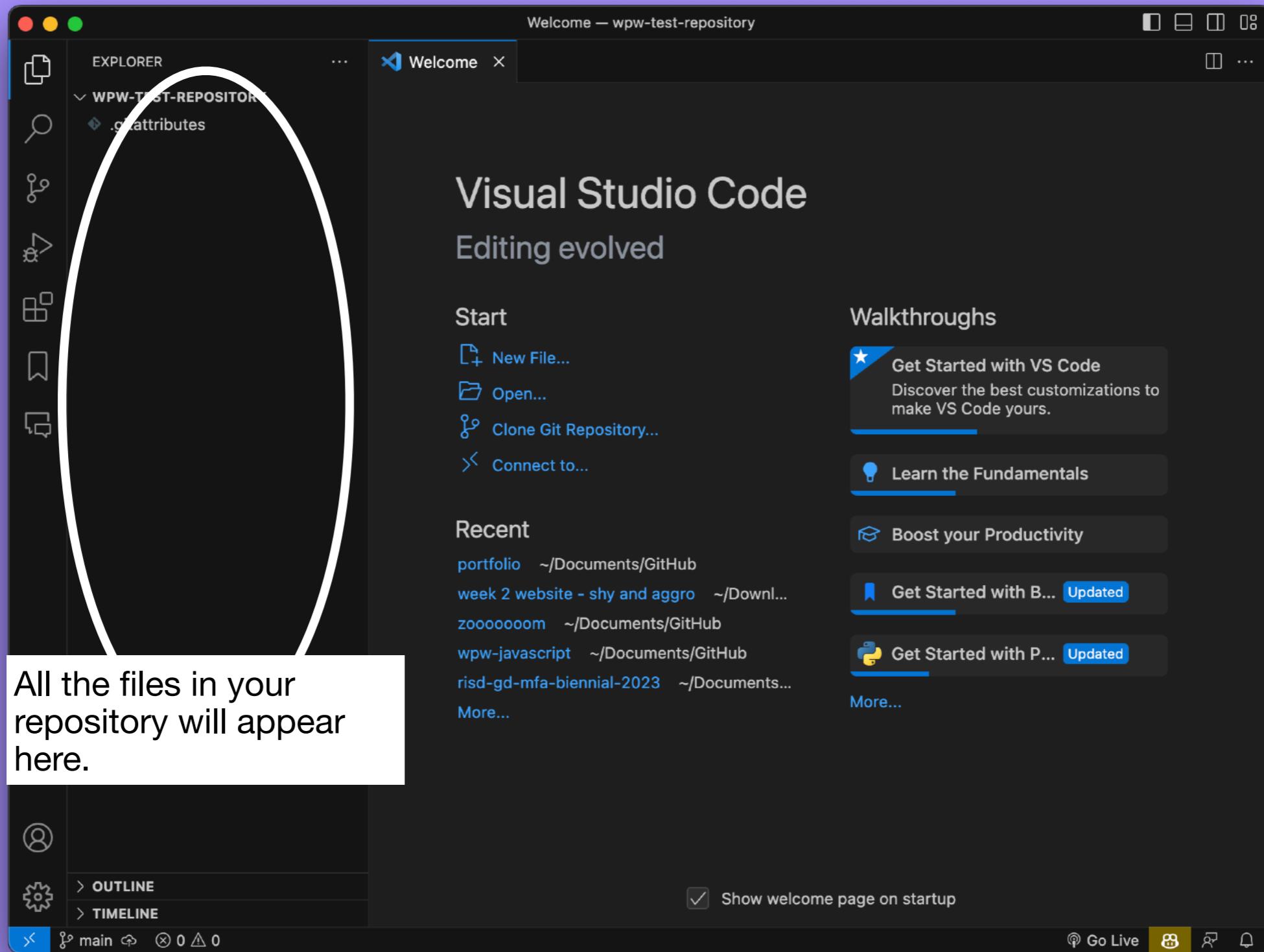
Alternatively, you drag the folder itself into VS Code.



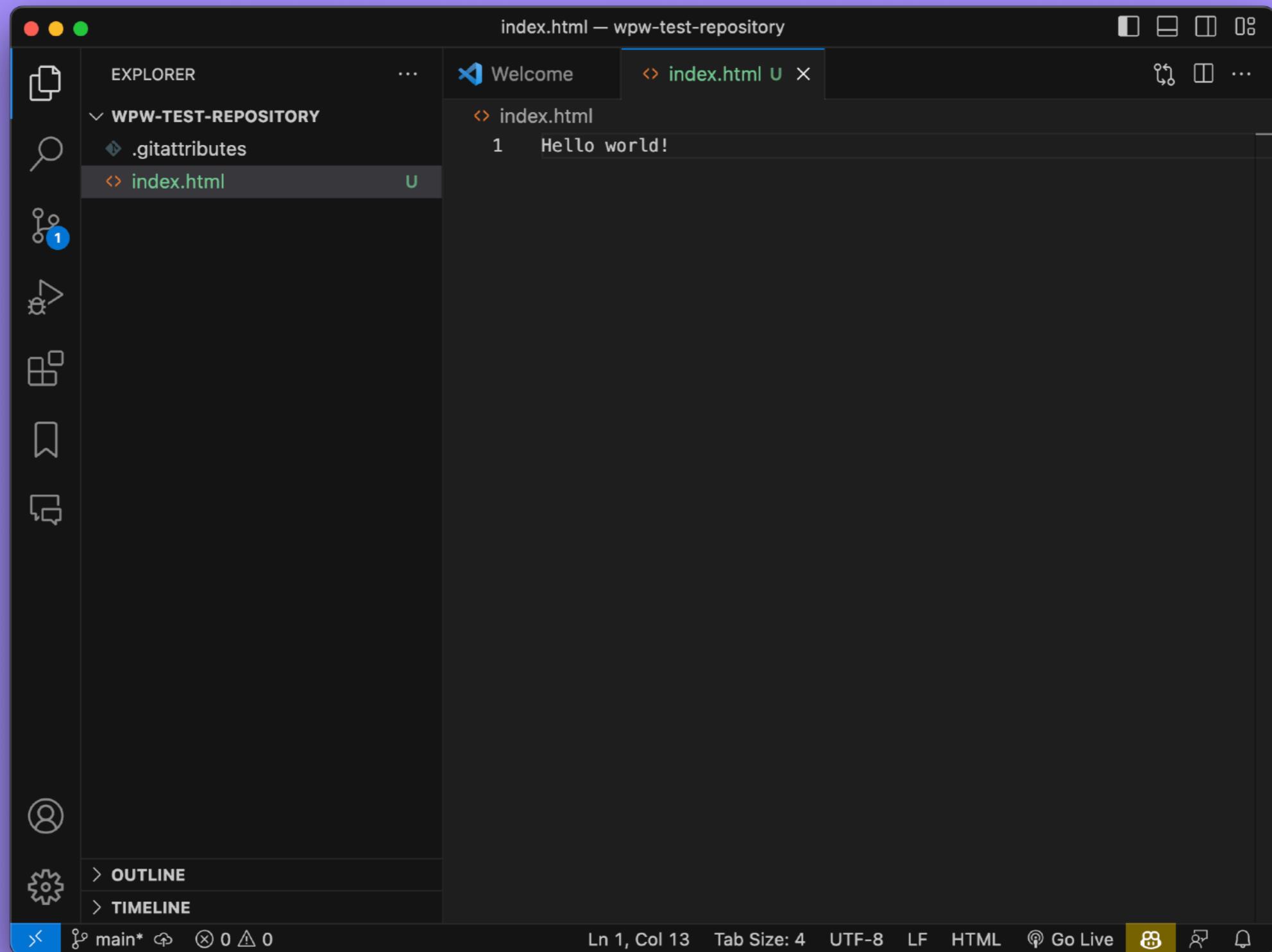
Alternatively, you hover over it's name, a little folder will appear.
Drag this folder into VS Code to open your repository.



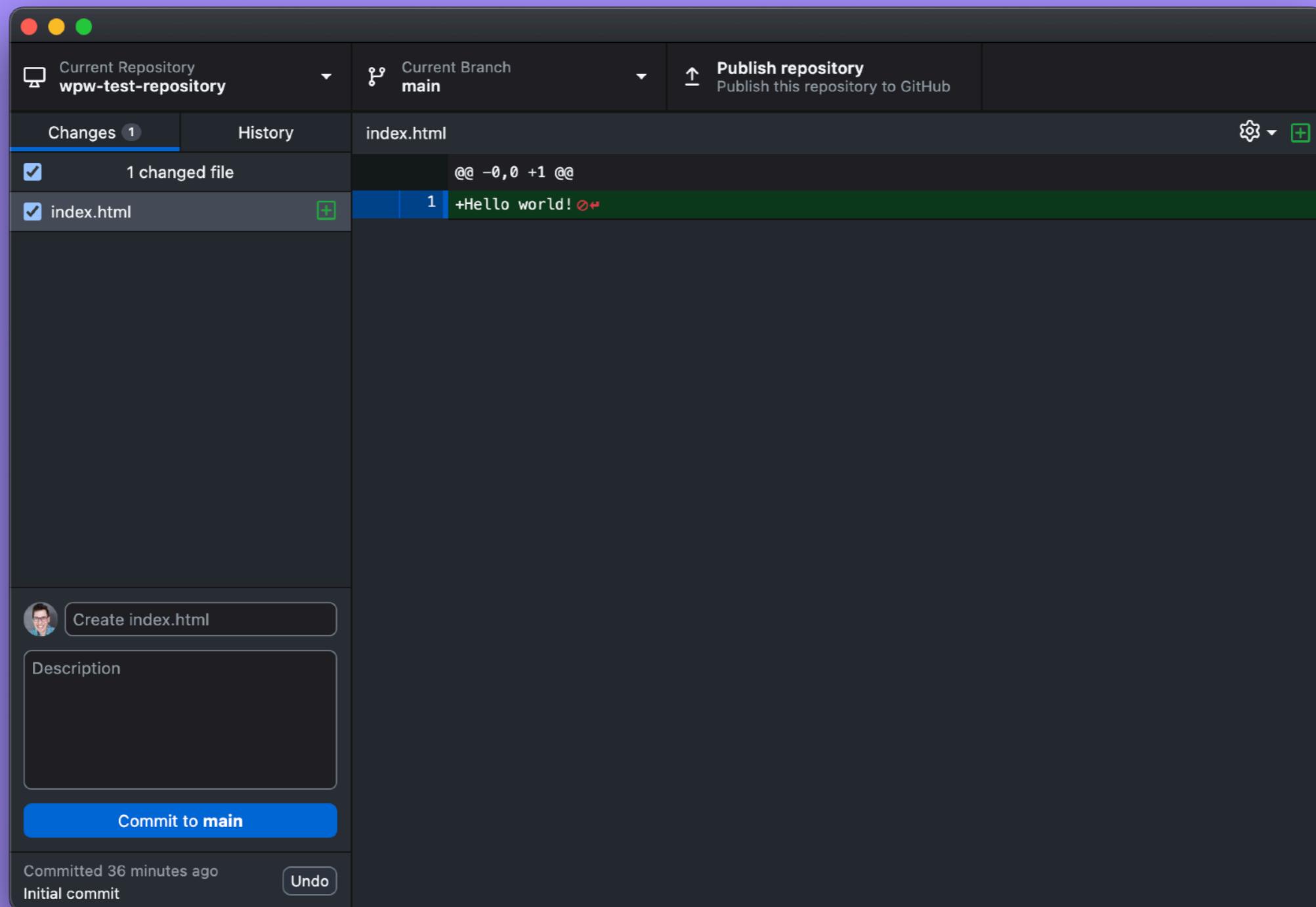
VS Code will now have your repository open.



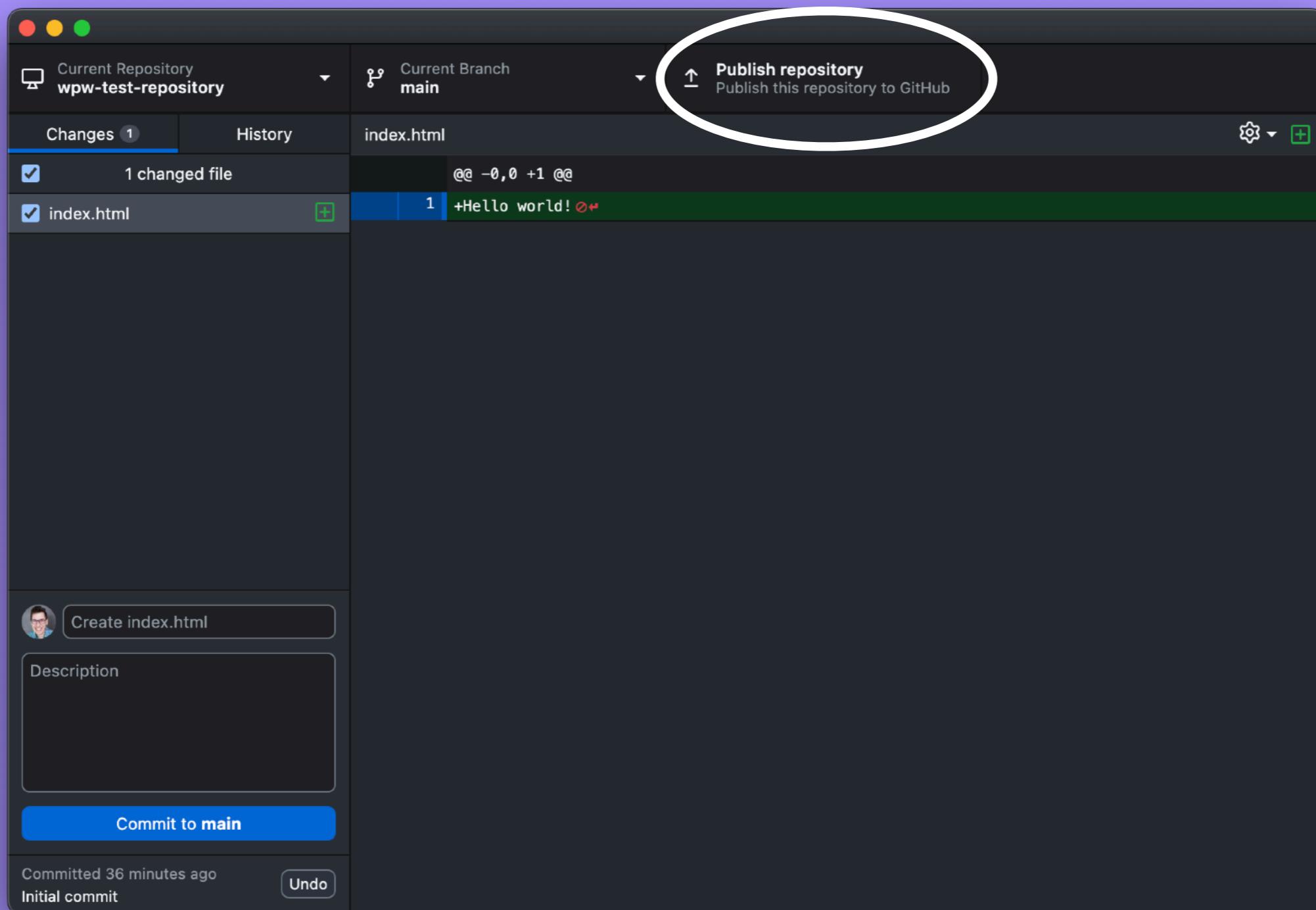
Add some code to that file and save it.



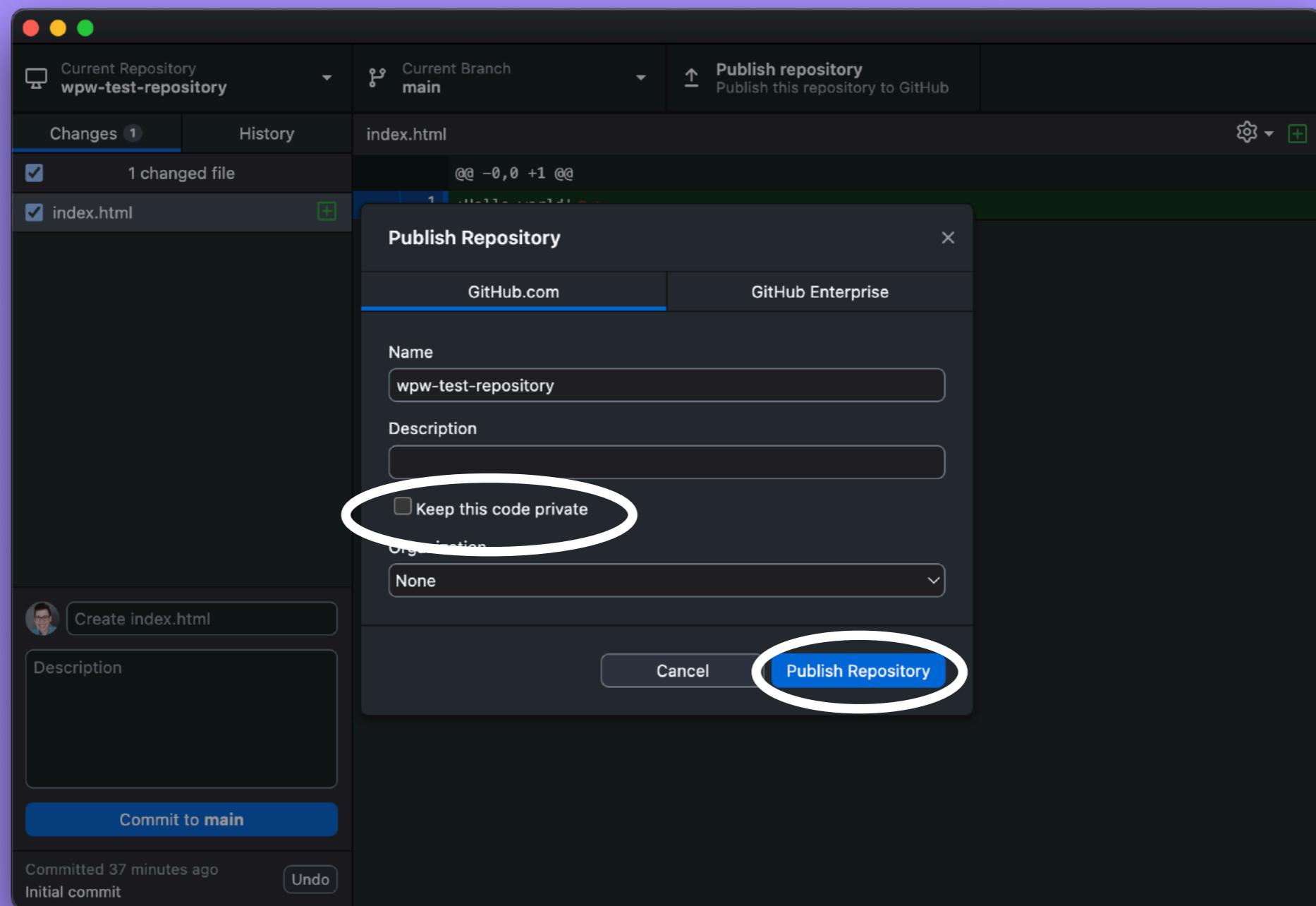
In GitHub Desktop, you should see that you made some changes.



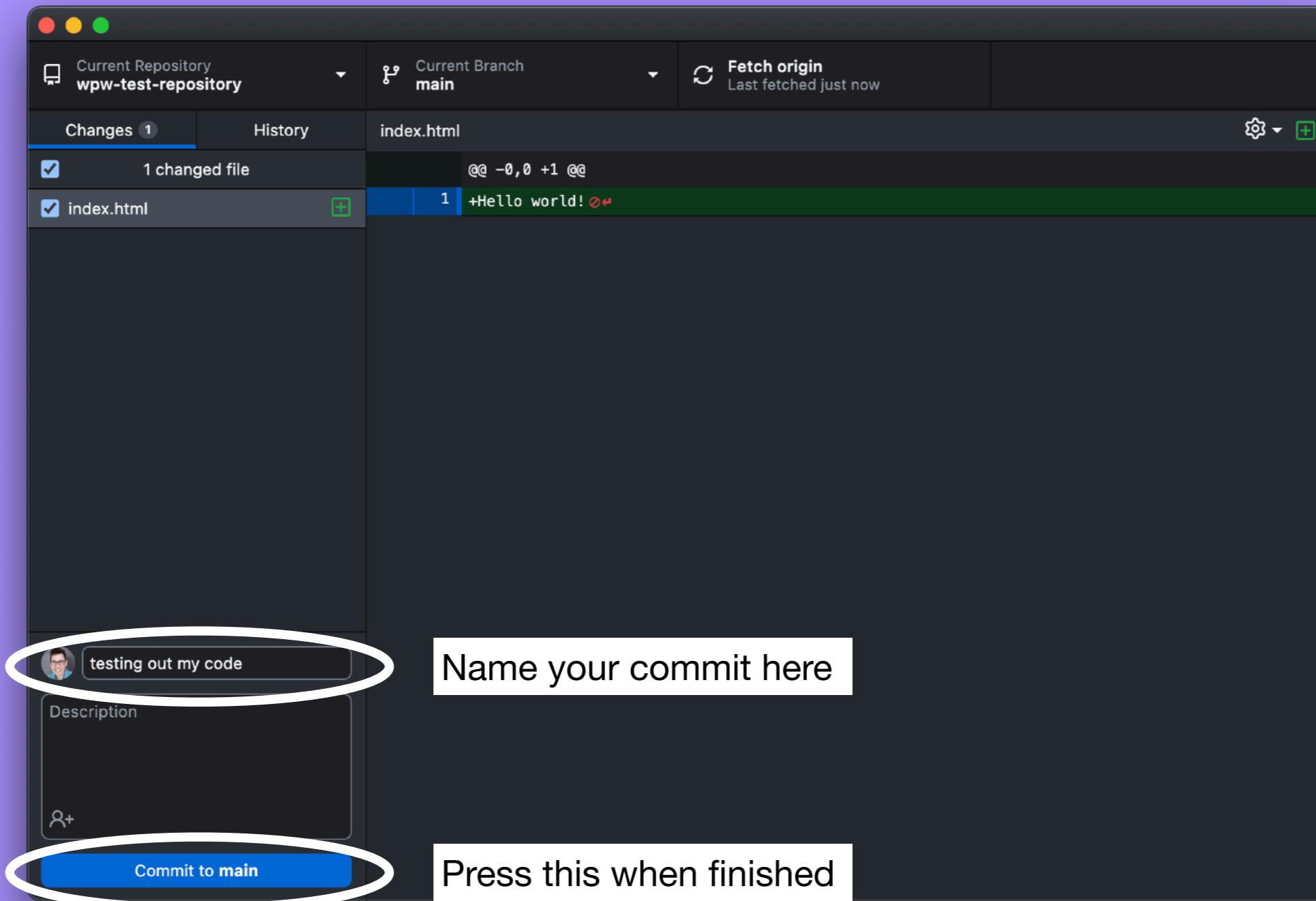
Press “Publish repository”



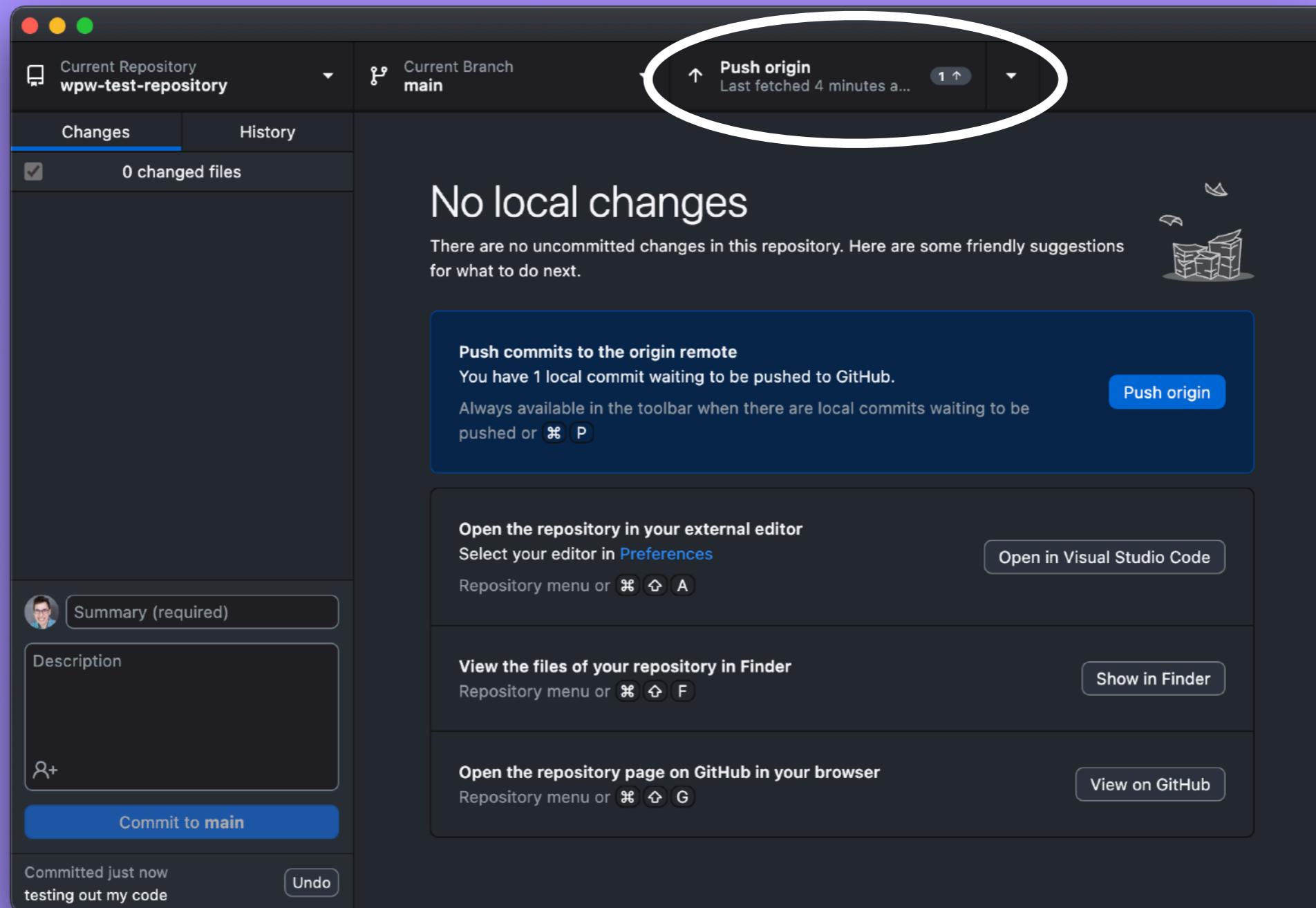
**Make sure “Keep this code private” is UNCHECKED.
Press “Publish Repository”.**



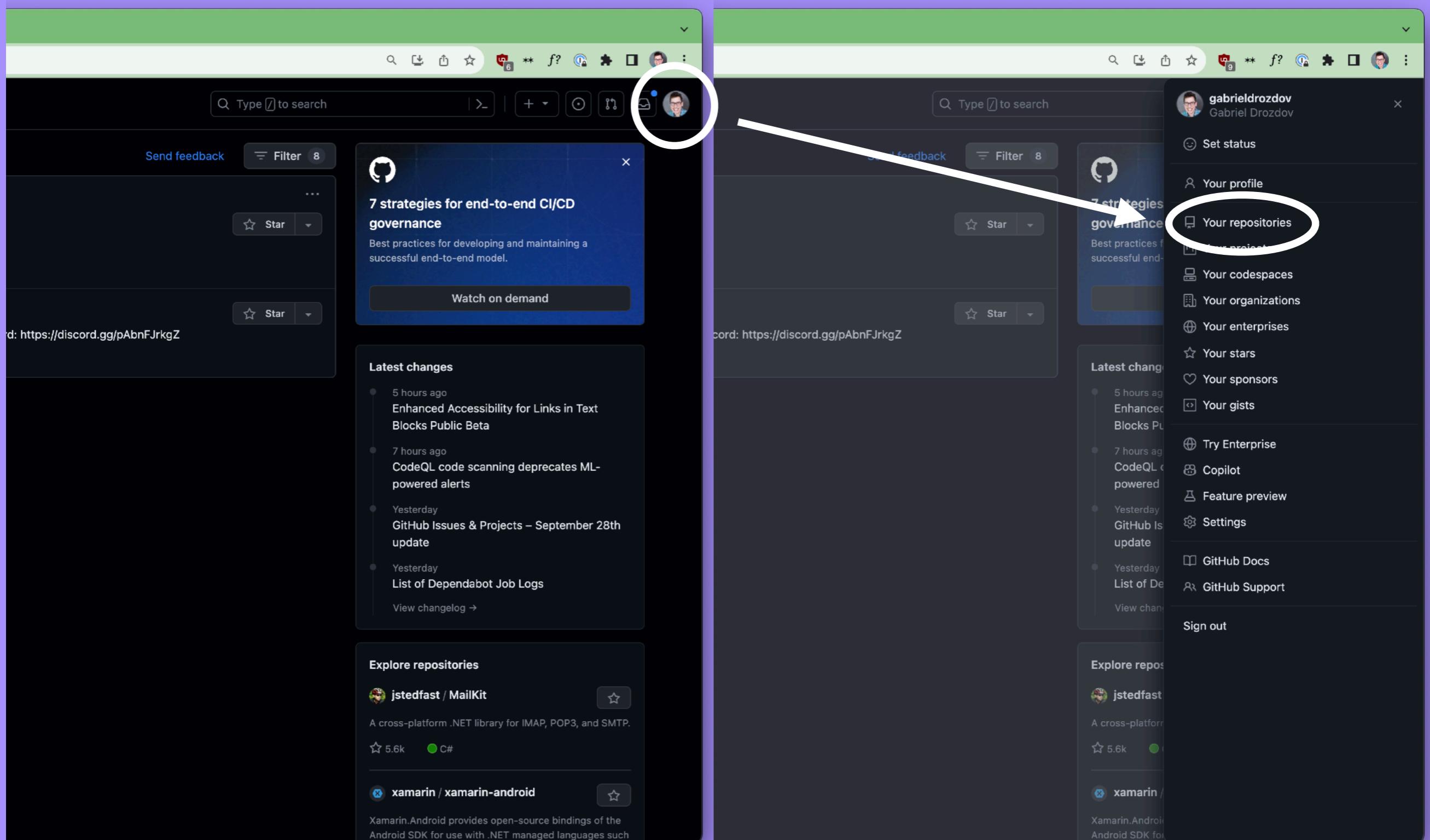
Now let's add the code to your repository too.
To do this, we'll “Commit” the code.
Give your “Commit” a name (just for your own reference).



Your commit isn't live yet.
Press “Push origin” to make the changes live.



On GitHub, go to your Repositories.



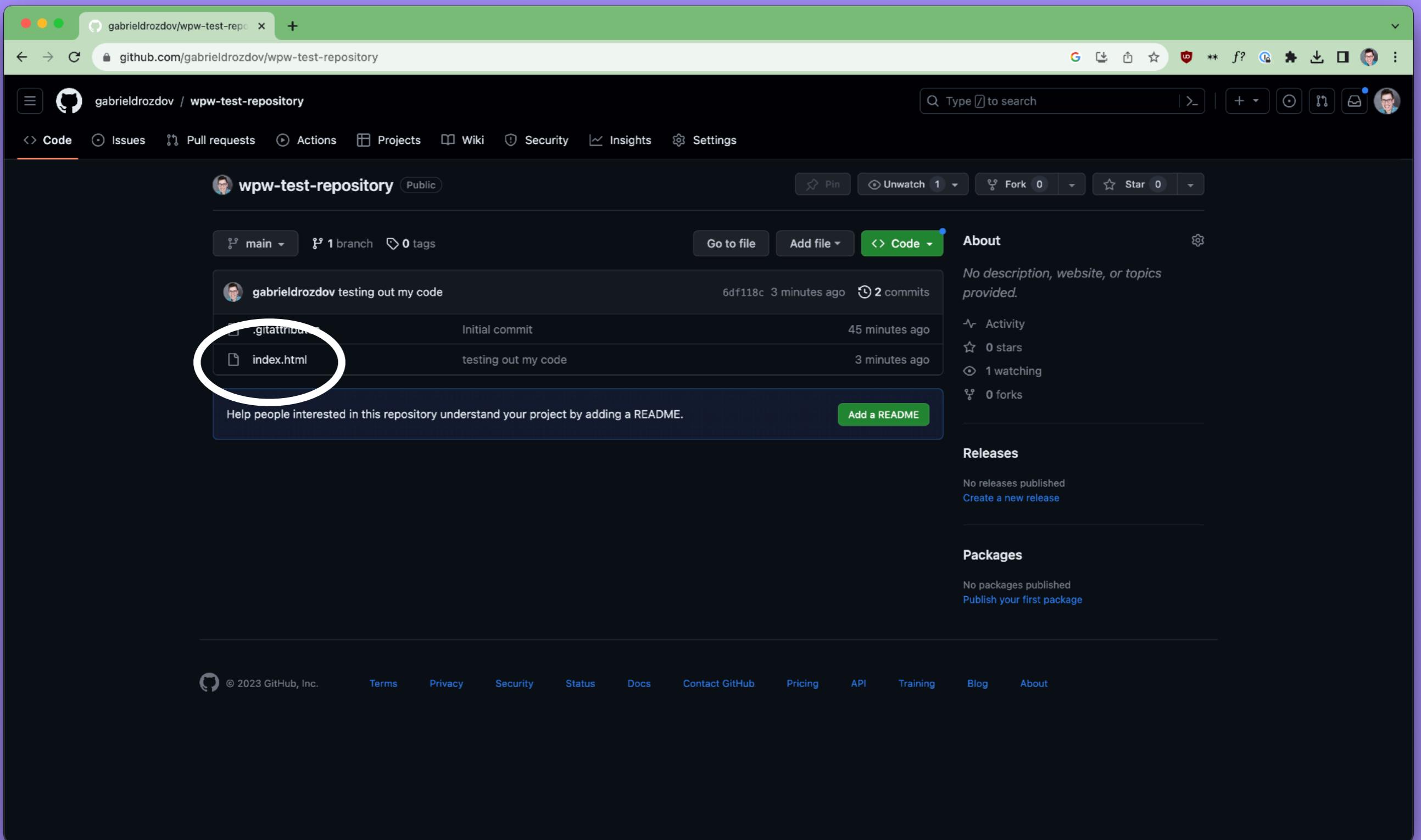
Click on the repository you created.

The screenshot shows a GitHub user profile for 'gabrieldrozdov'. The profile picture is a smiling man with glasses. Below the picture, the name 'Gabriel Drozdov' and the handle 'gabrieldrozdov' are displayed. A bio states: 'Design and educator playing with code, graphics, type, and sound.' An 'Edit profile' button is present. On the left, there's a sidebar for 'Achievements' and 'Highlights'. The main area lists seven repositories:

- wpw-test-repository** (Public) - Circled with a white oval. Updated 6 minutes ago.
- zoooooom** (Public) - Updated 4 days ago. Languages: JavaScript.
- wpw-javascript** (Public) - Updated last week. Languages: HTML.
- wpw-portfolio** (Public) - Updated 2 weeks ago. Languages: CSS.
- risd23-newlyformed-alphabet** (Public) - Updated 2 weeks ago. Languages: JavaScript.
- web-programming-workshop** (Public) - Updated 3 weeks ago. Languages: JavaScript.
- small-sites-big-stories** (Public)

At the top of the page, there's a search bar, sorting options ('Type', 'Language', 'Sort'), and a 'New' button. The GitHub URL in the address bar is 'github.com/gabrieldrozdov?tab=repositories'.

You should see the code you just pushed!



A screenshot of a GitHub repository page for "gabrieldrozov / wpw-test-repository". The repository is public and contains one branch ("main") and one commit ("Initial commit"). The commit was made by "gabrieldrozov" 3 minutes ago, with a message "testing out my code". A file named "index.html" was added in this commit, which is highlighted with a white circle. The repository has 0 stars, 0 forks, and 0 releases. There is a "README" button at the bottom of the main content area.

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

wpw-test-repository Public

main 1 branch 0 tags

gabrieldrozov testing out my code 6df118c 3 minutes ago 2 commits

.gitattributes Initial commit 45 minutes ago

index.html testing out my code 3 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

About

No description, website, or topics provided.

Activity 0 stars 1 watching 0 forks

Releases

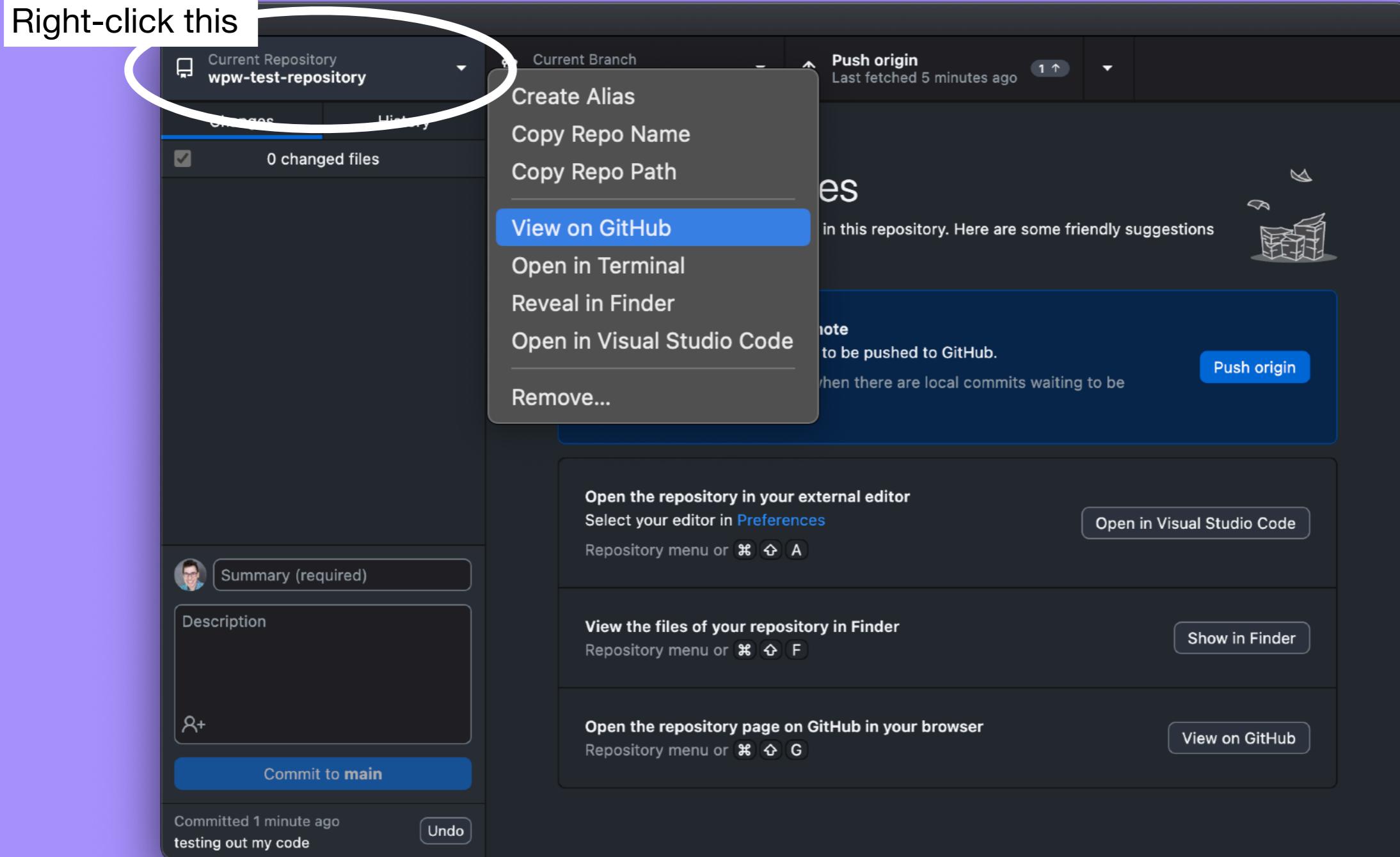
No releases published Create a new release

Packages

No packages published Publish your first package

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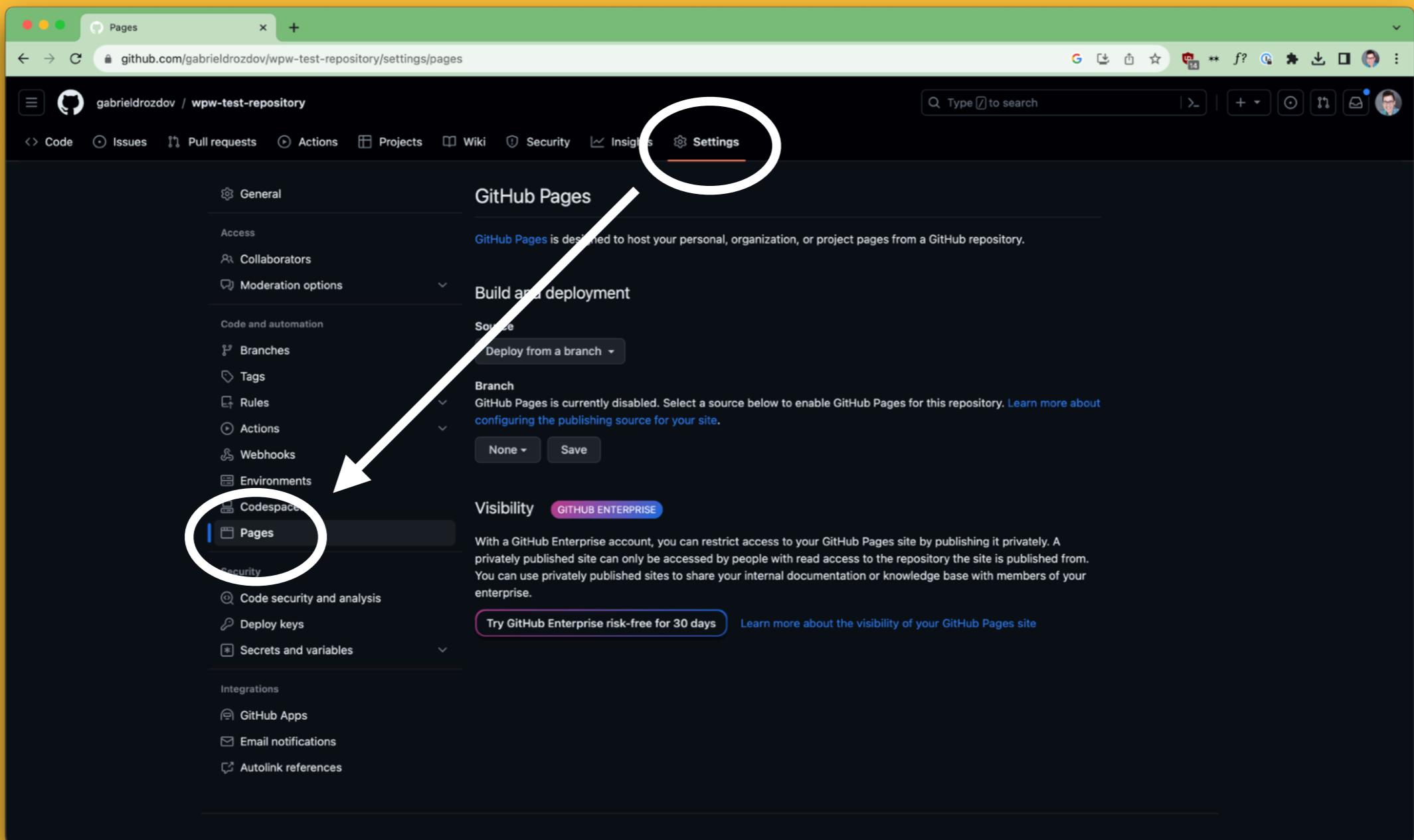
Alternatively, you can right-click in GitHub Desktop to go to github.com.



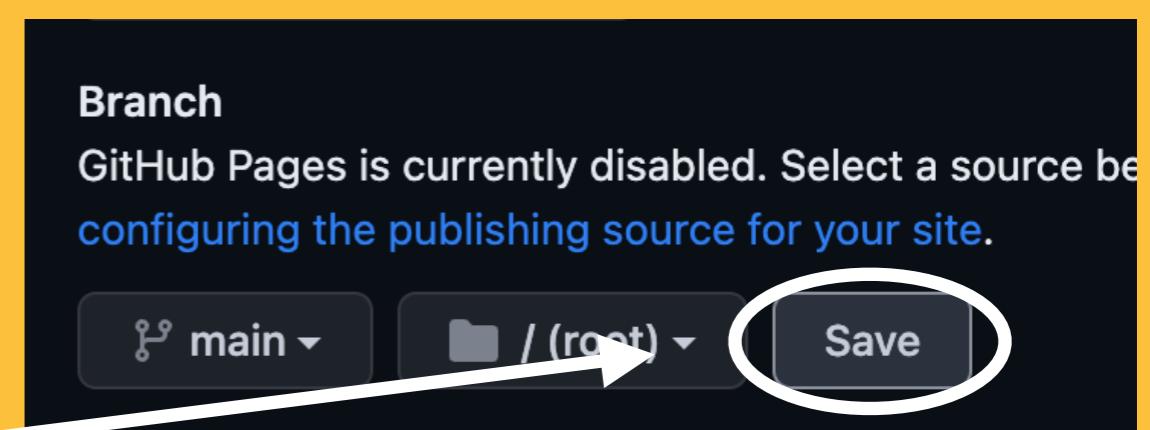
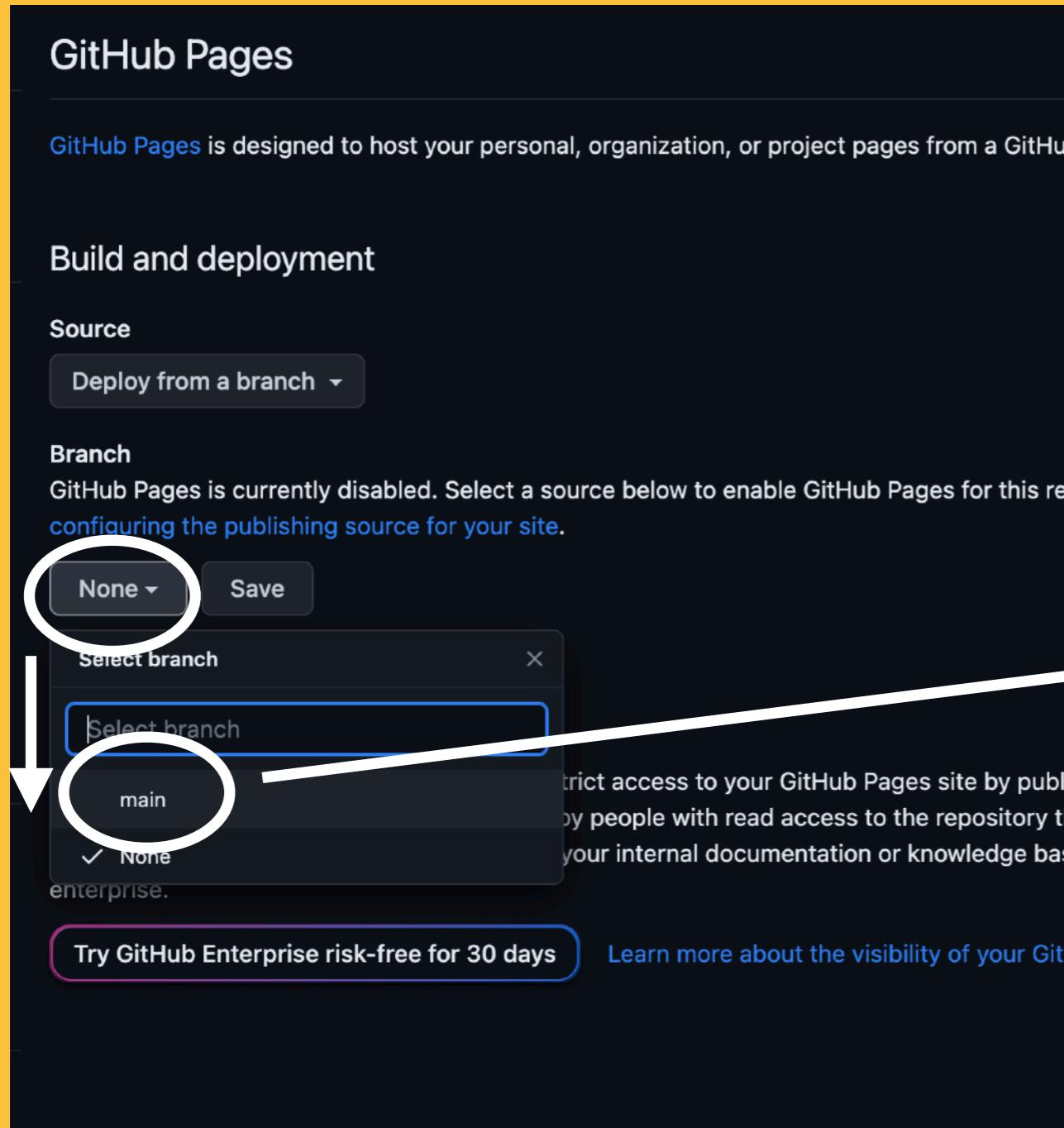
STEP 4

Turn your repository into a
website via GitHub Pages

In your repository on github.com, click on “Settings” and then “Pages”.



**Change the “Branch” from “None” to “main”.
Click “Save” after that.**



After a few minutes, your site will be live!

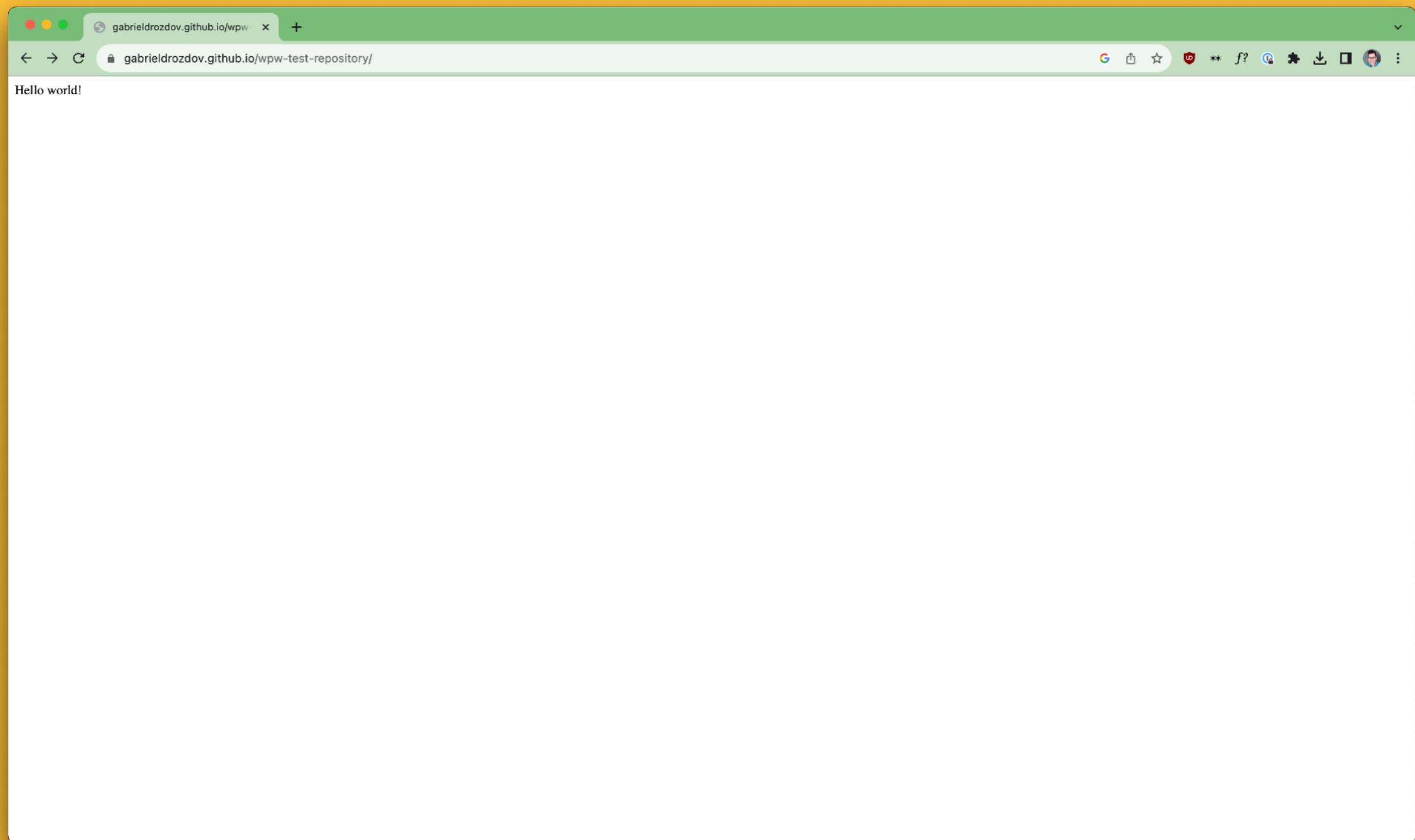
It's URL will use the following format:

[your GitHub username].github.io/[your repository name]

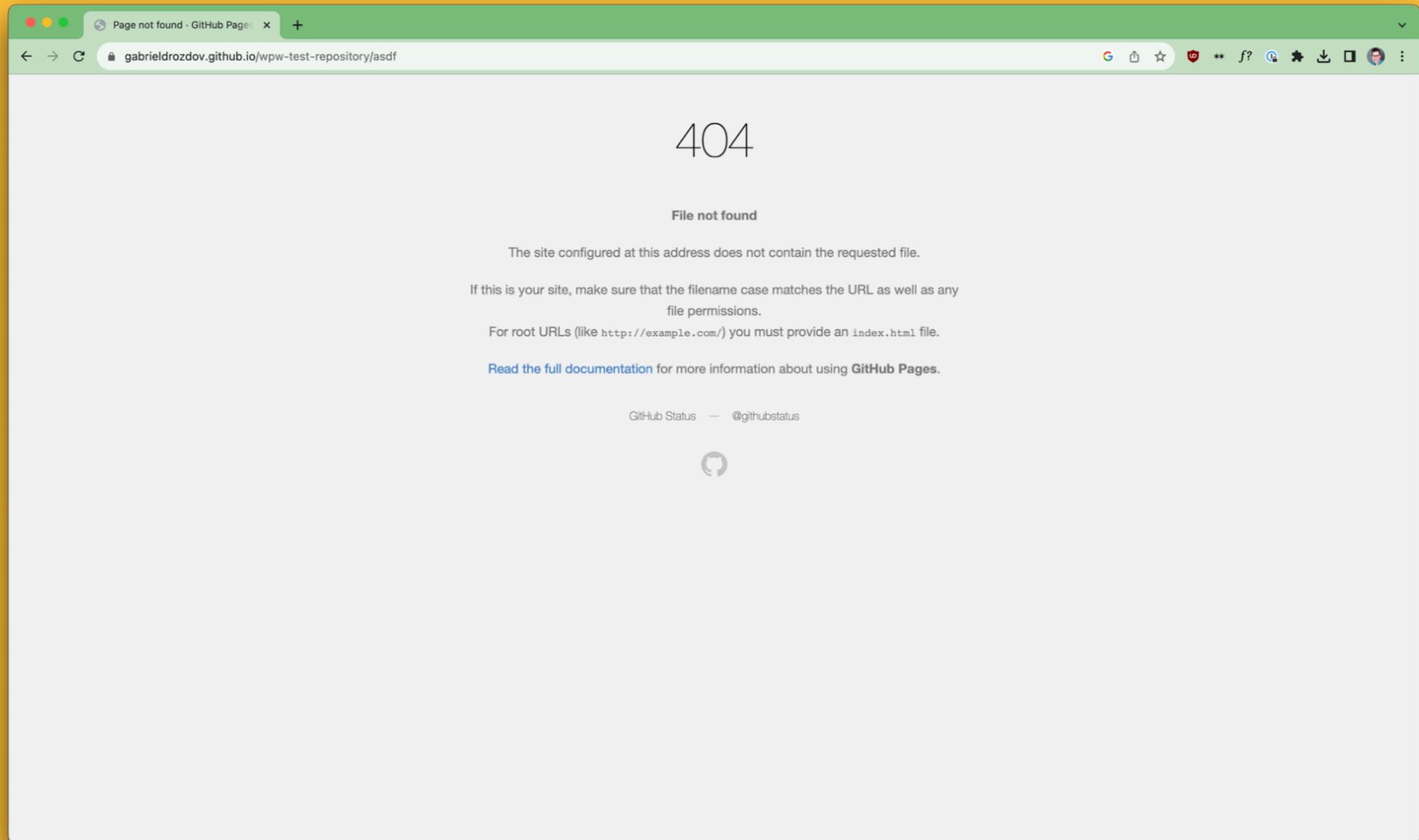
EXAMPLE:

gabrieldrozdov.github.io/wpw22 is the GitHub pages website for last year's Web Programming Workshop.

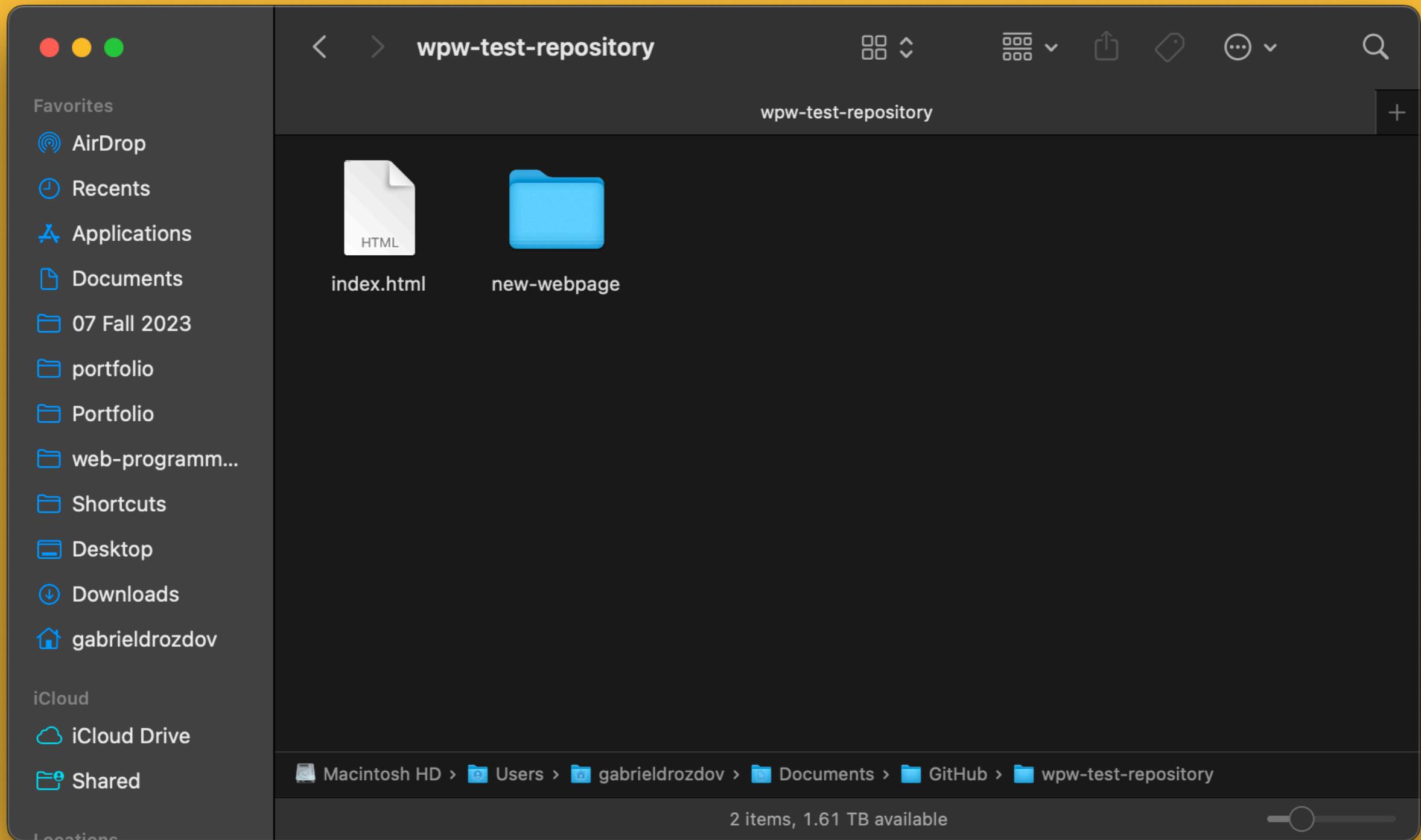
This should be what you get! My URL is:
<https://gabrieldrozdov.github.io/wpw-test-repository/>.



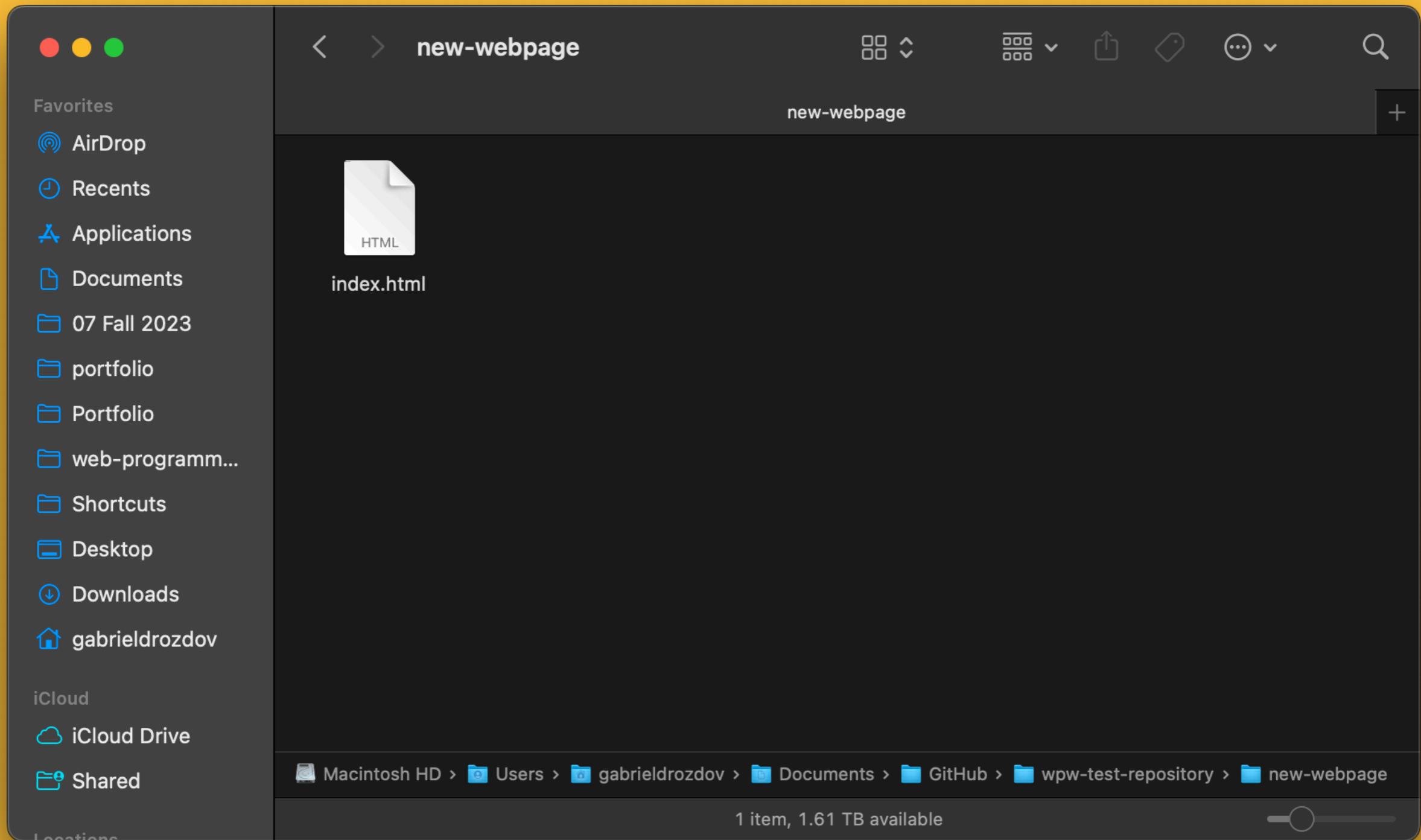
If you don't have a file called “index.html” in the main folder of your repository, you'll get the following 404 page.



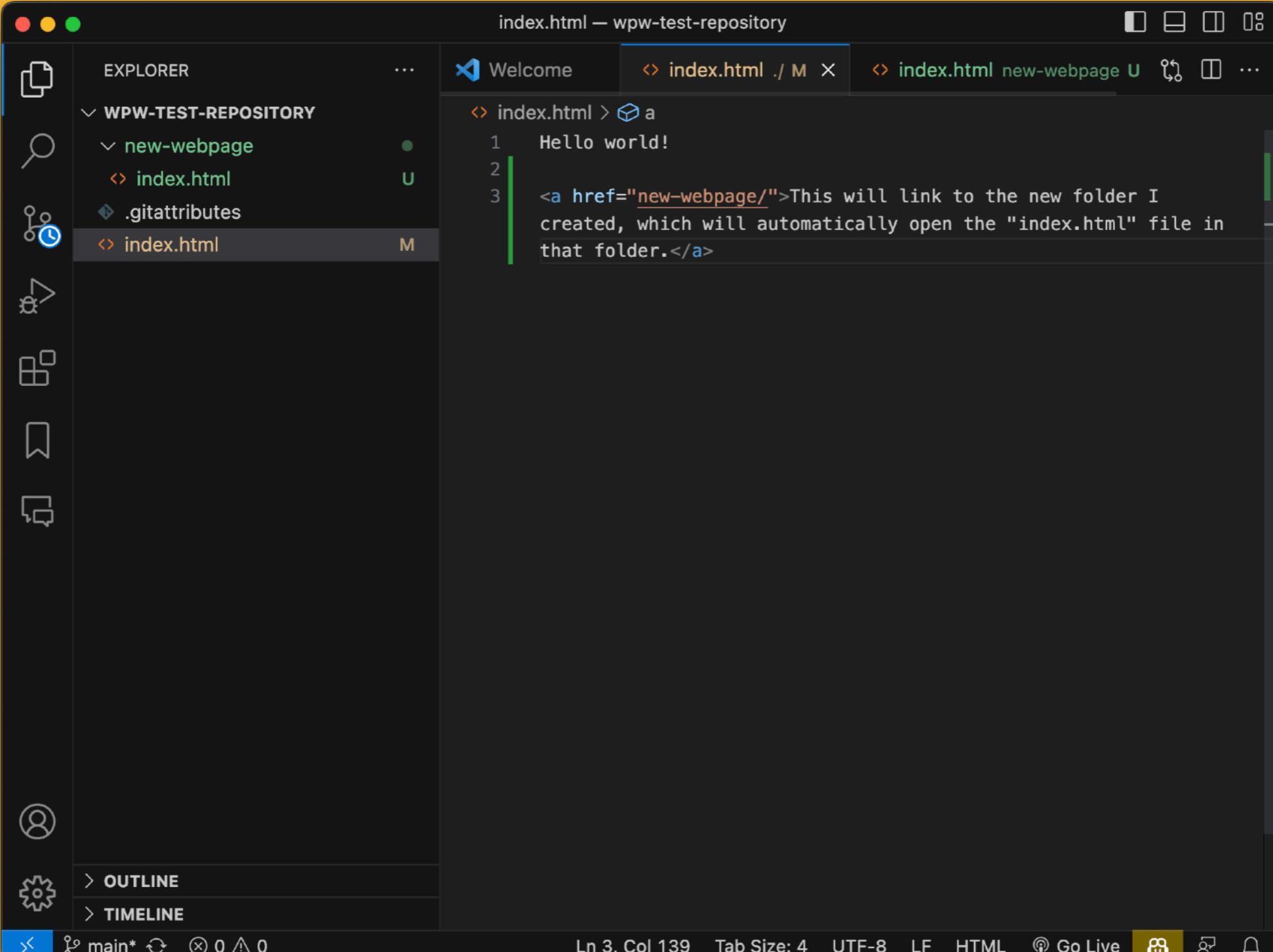
Add more pages to your website by adding more folders.
Make sure your folders are in lowercase, with no spaces, and
only hyphens (-).



**Every folder you add can be a new page on your website.
Create a new “index.html” file to that folder with your content.**



In your code, you can link to folders to navigate your website.



The screenshot shows a dark-themed instance of Visual Studio Code (VS Code) running on a Mac. The title bar indicates the file is "index.html — wpw-test-repository". The left sidebar (Explorer) shows a folder structure under "WPW-TEST-REPOSITORY" containing "new-webpage" (with "index.html" selected), ".gitattributes", and another "index.html". The main editor area displays the following HTML code:

```
<a href="new-webpage/">This will link to the new folder I  
created, which will automatically open the "index.html" file in  
that folder.</a>
```

The code includes a comment explaining the purpose of the link. The status bar at the bottom shows "Ln 3, Col 139" and other standard status information.

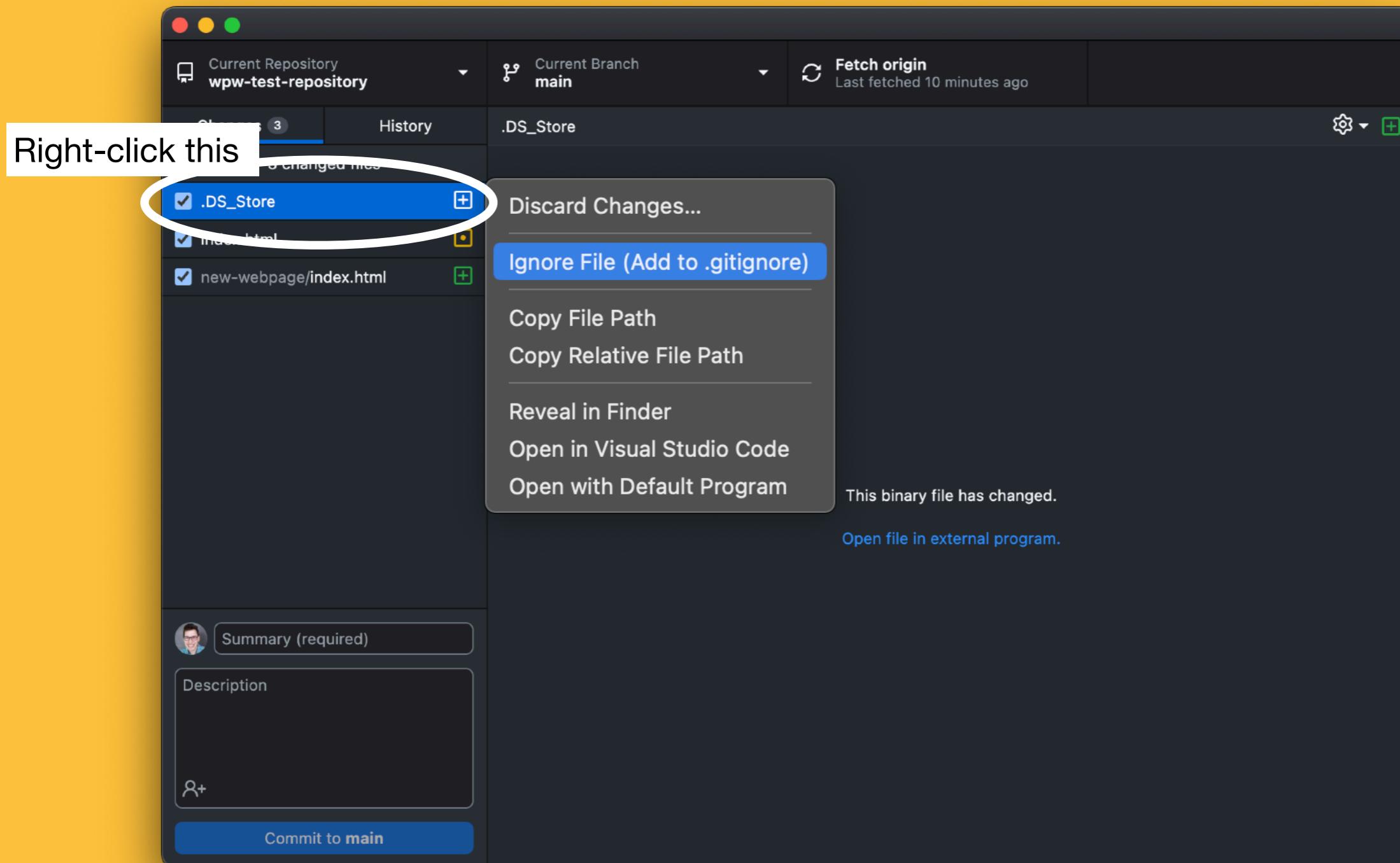
It works in both directions.

The screenshot shows a code editor interface with a dark theme. On the left is the Explorer sidebar, which displays a file tree for a repository named "WPW-TEST-REPOSITORY". Inside this repository, there is a folder named "new-webpage" containing two files: "index.html" and ".gitattributes". The "index.html" file is currently selected in the Explorer. The main workspace shows the content of this file:

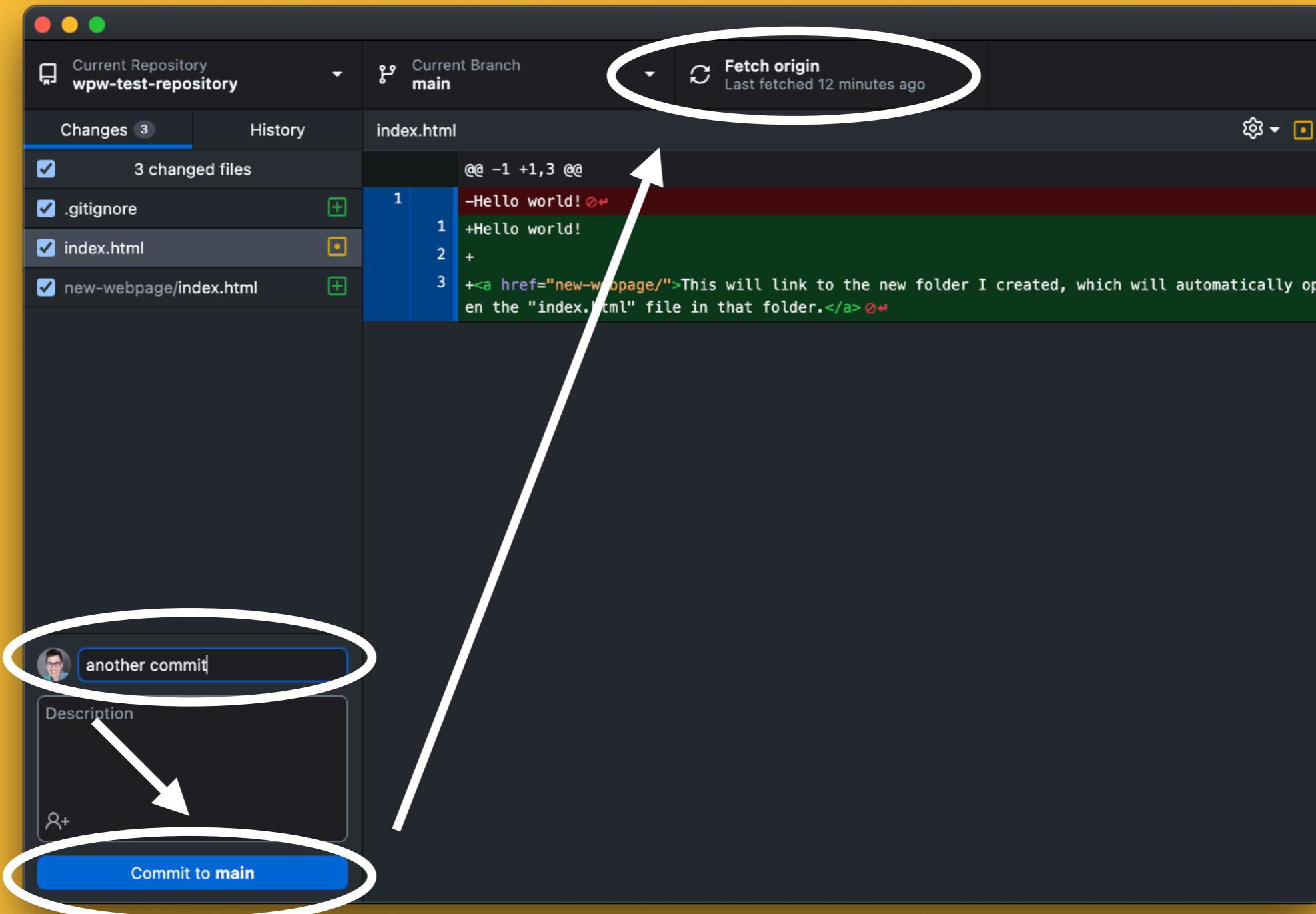
```
index.html — wpw-test-repository
Welcome index.html ./ M index.html new-webpage U X
new-webpage > index.html > a
1 This is my second webpage!
2
3 <a href="../">This will link backwards one folder, which will
open up the main repository.</a>
```

The status bar at the bottom indicates the file is "main*", has 0 changes, and is in "HTML" mode. It also shows the current line and column (Ln 3, Col 95), tab size (4), encoding (UTF-8), line feed (LF), and a "Go Live" button.

Before your Commit/Push your changes, you set .DS_Store to be ignored. This is a Mac file that keeps track of how Finder views your files (it's not needed for the live site).



Give your commit a name, and then push your changes.
They'll be live on your website a minute or so after!



If you did everything right, you should have multiple pages now that can link in between each other.

