

Setting Everything Up

Installing VScode

First, we recommend that you download VScode if you don't have it already

- Follow the instructions [here](#) for downloading VScode on your specific computer

Create GitHub account

Next, create a free GitHub account at this [link](#)

- I would recommend not using your school email address so that you still have access to your account after you graduate/lose access to your AndrewID

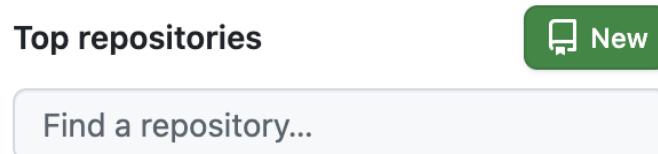
Download GitHub desktop

Download GitHub desktop [here](#) for your specific device

Once you have downloaded it, log in to your GitHub account on the desktop app

Starting Your Project

Create your repository on the GitHub website



On the top left hand corner, click the “New” button to create a new repository

This will open up a new page that looks like this. To use GitHub pages to host your website, **you must name your repository in the following format.**

1 General

Owner *  michellezjiang

Repository name *

Your new repository will be created as -YOUR-GITHUB-USERNAME-.github.io.
The repository name can only contain ASCII letters, digits, and the characters ., -, and -.

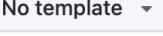
Great repository names are short and memorable. How about [ubiquitous-enigma](#)?

Description
0 / 350 characters

2 Configuration

Choose visibility *  Public

Choose who can see and commit to this repository

Start with a template  No template

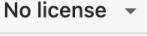
Templates pre-configure your repository with files.

Add README On

READMEs can be used as longer descriptions. [About READMEs](#)

Add .gitignore  No .gitignore

.gitignore tells git which files not to track. [About ignoring files](#)

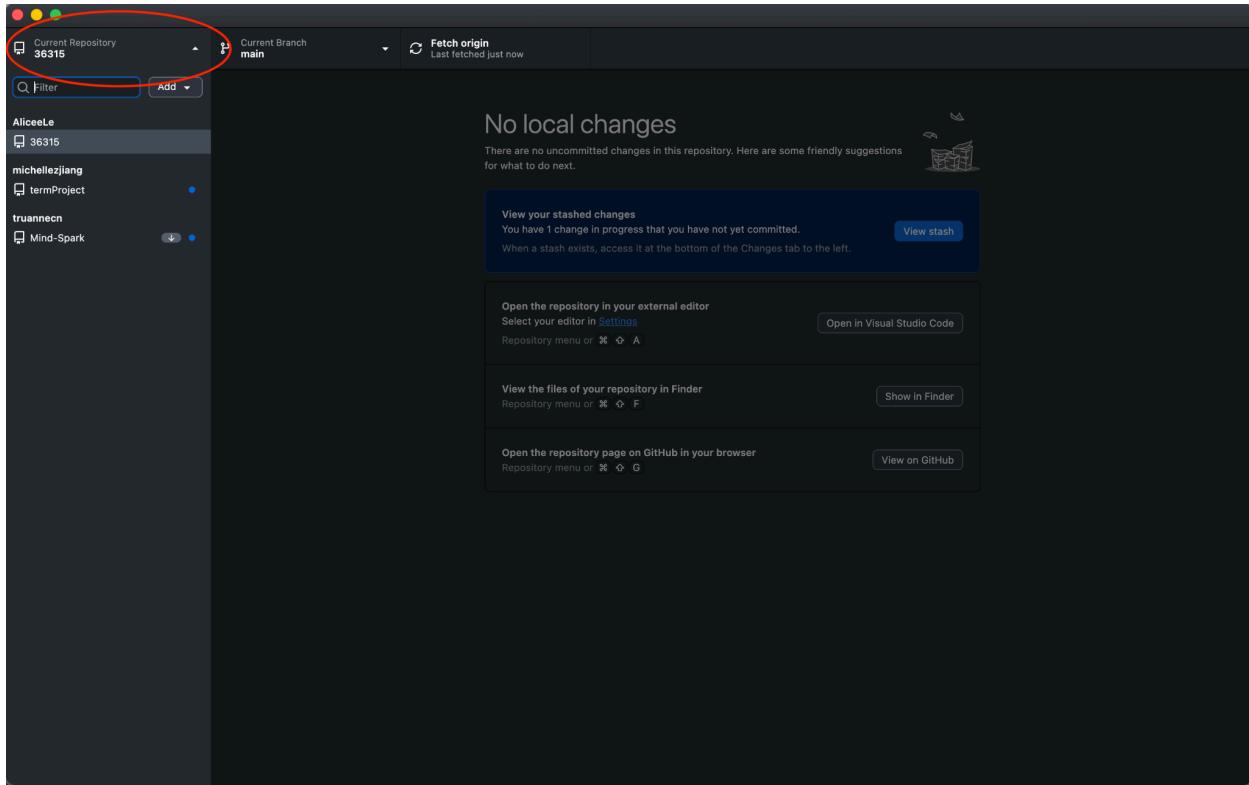
Add license  No license

Licenses explain how others can use your code. [About licenses](#)

Also, you can add a README file to cite your sources and give a description of your project.

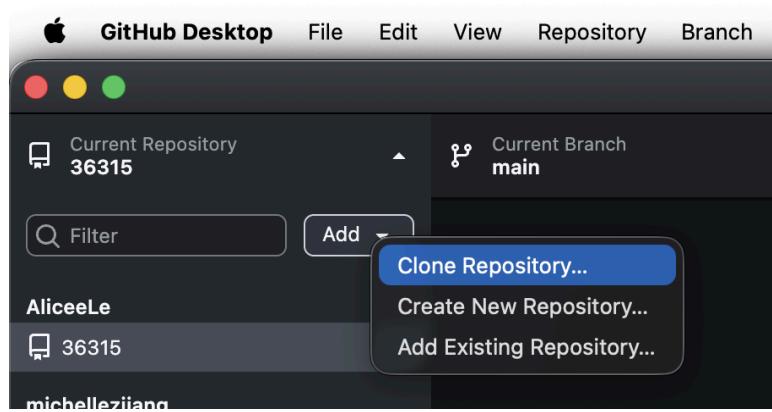
Then press “Create repository.”

After you create your repository, you can open it up on the GitHub desktop app

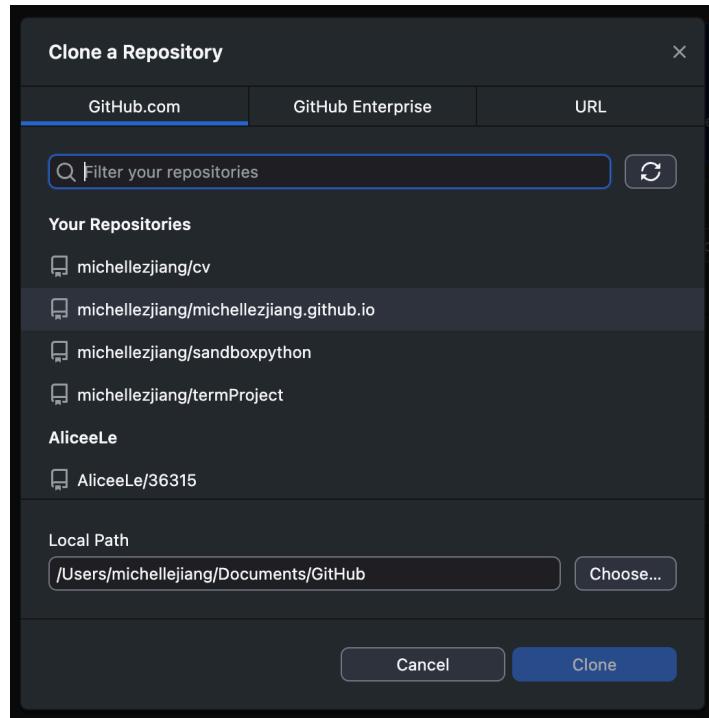


To do this, open the app and click the top left dropdown arrow (note: this might look slightly different than yours if you are downloading the desktop app for the first time)

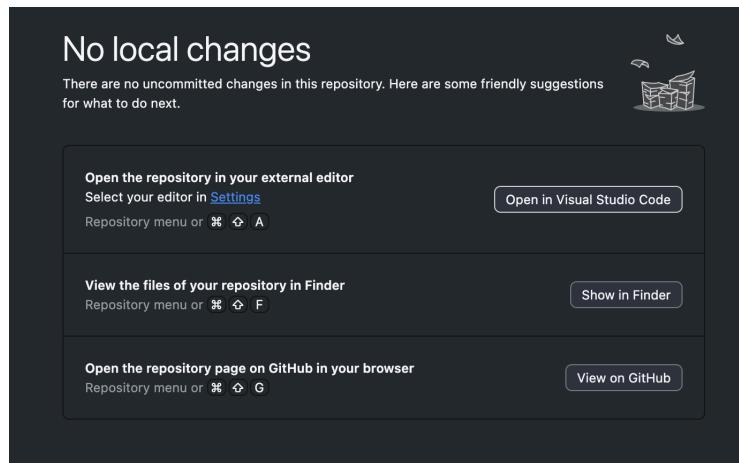
Then click the dropdown “Add” button and click “Clone Repository.”



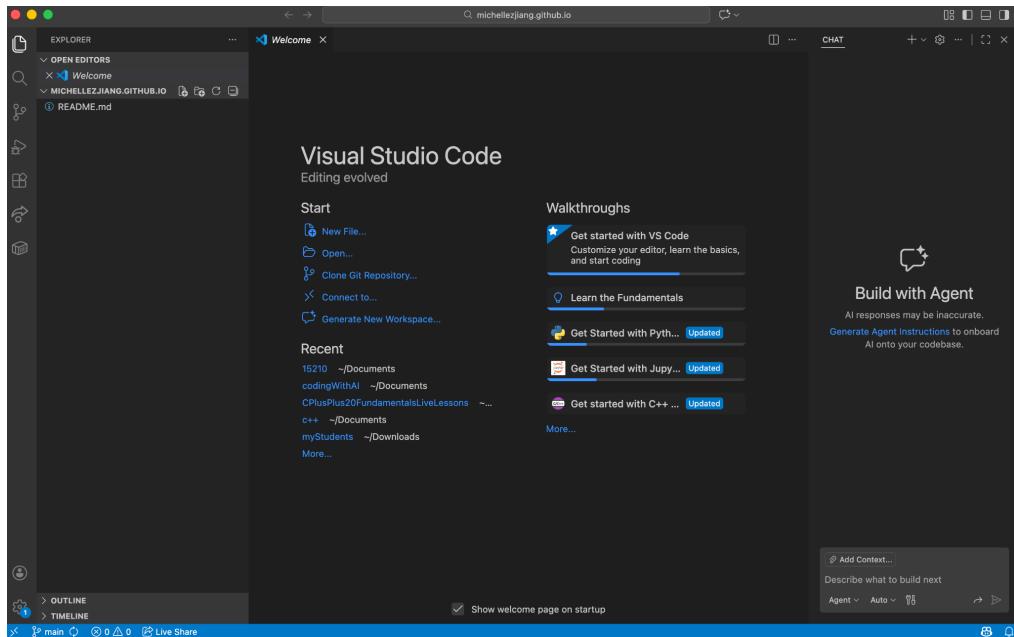
Then you want to select the correct project and clone it.



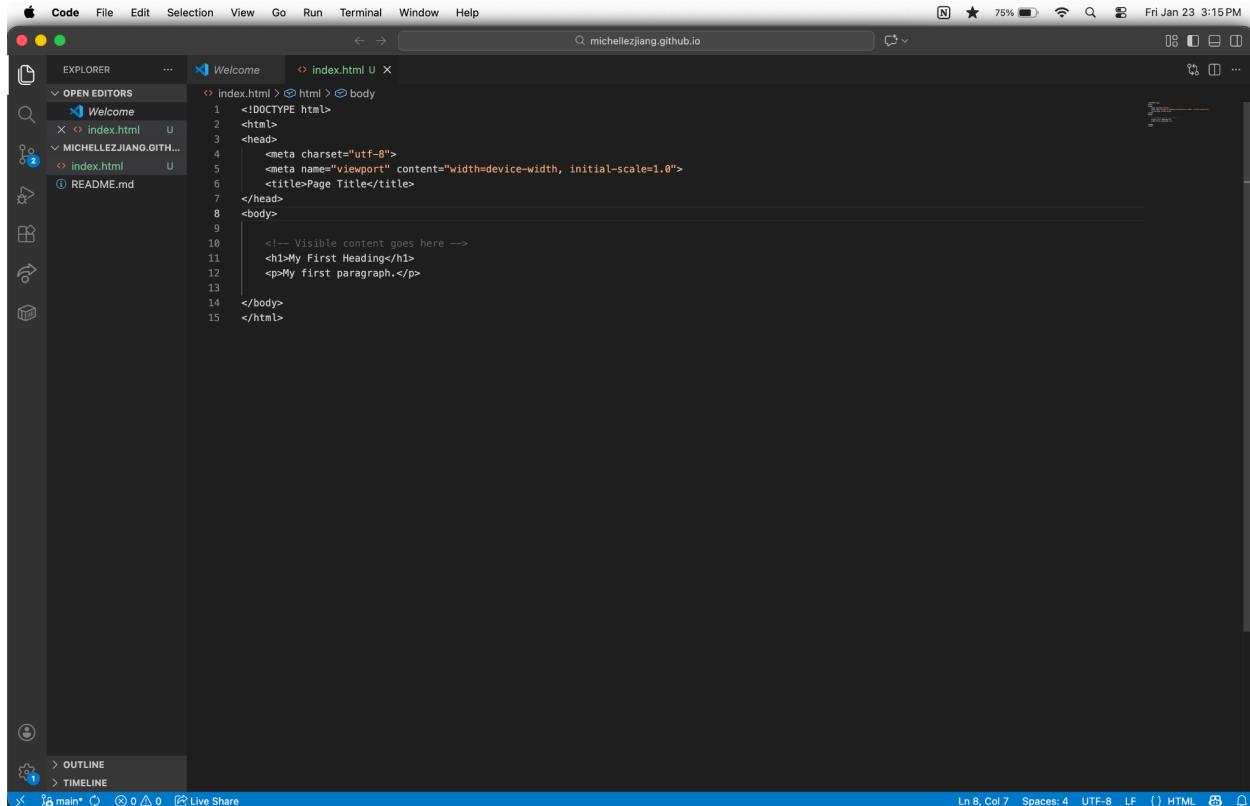
Once you have cloned your repository, your GitHub desktop should look like this:



Then you want to click “Open in Visual Studio Code” to start coding!

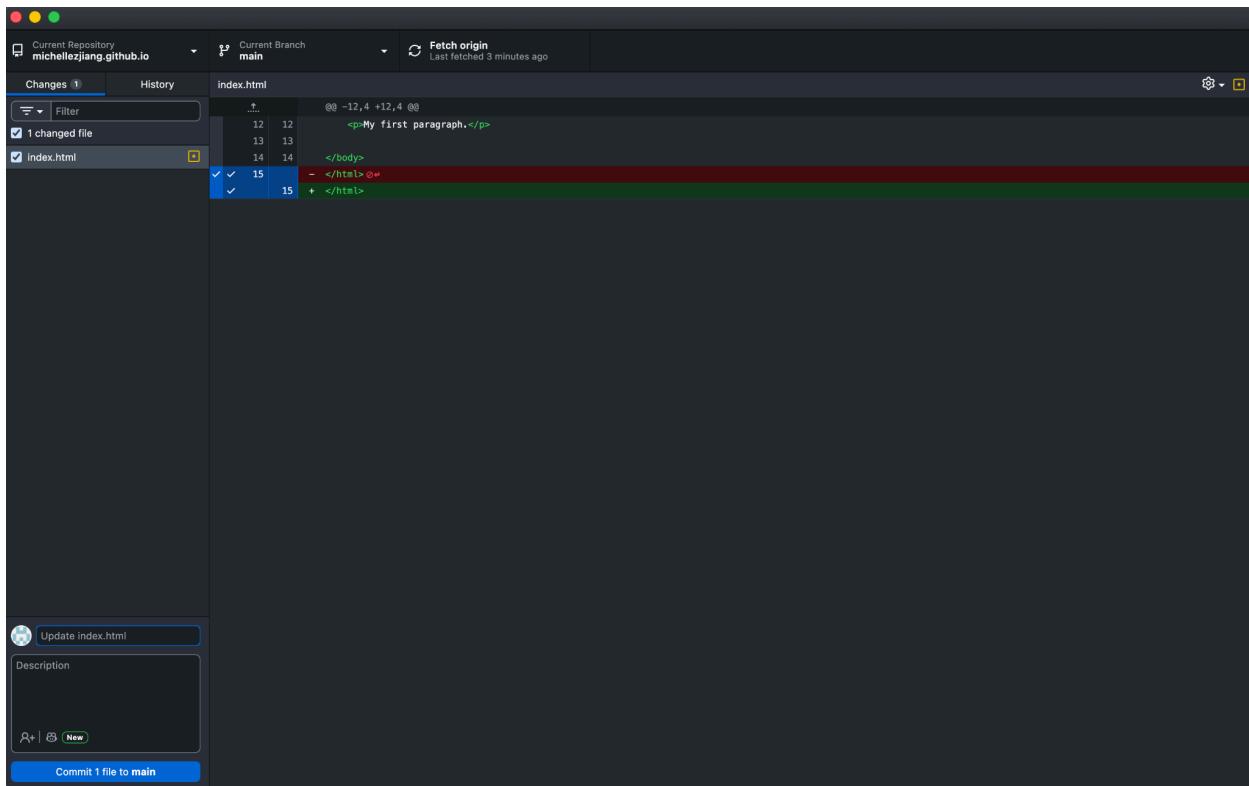


This will open up your repository in VScode, where you can start coding your website. Note: your base landing page should be called **index.html** or else it won't run! You can have other pages named differently, but they should all be linked back to your index.html page.

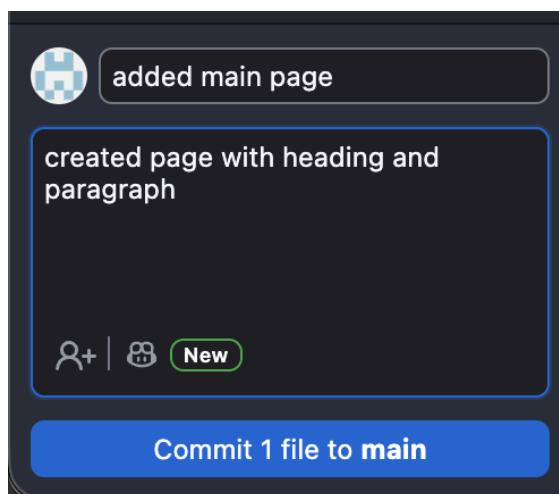


After you make some changes on your website, you want to push your code to GitHub.

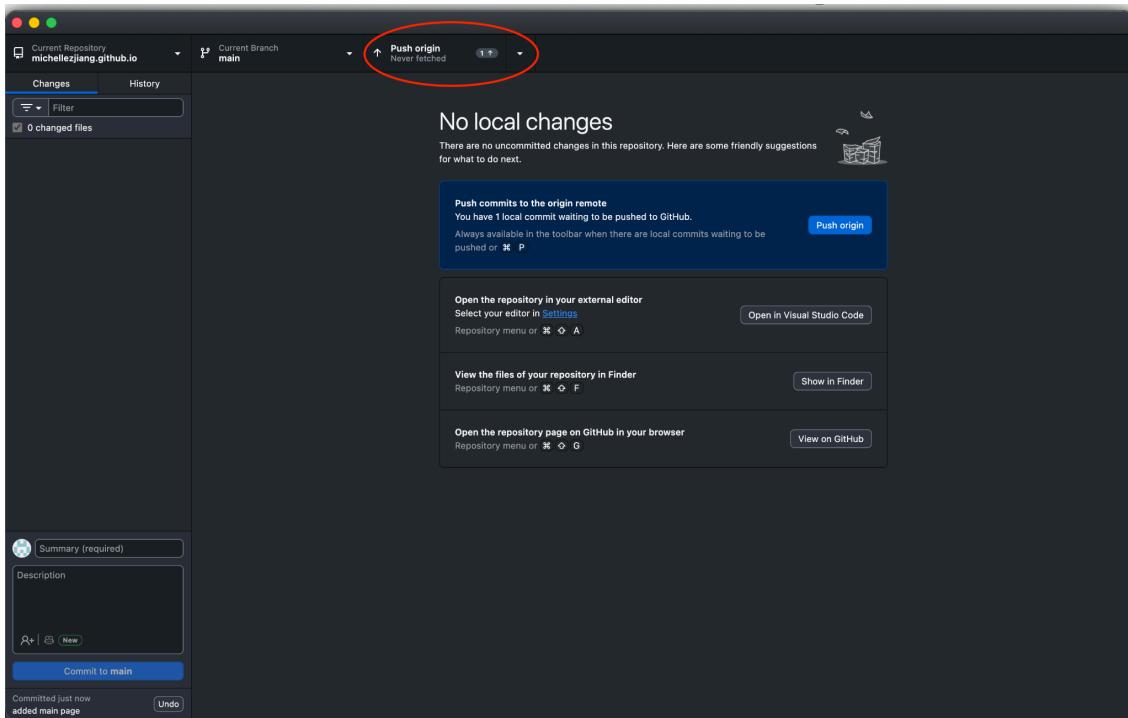
To do this you will go into the GitHub desktop app, which will show all of the changes you made to files in your repository.



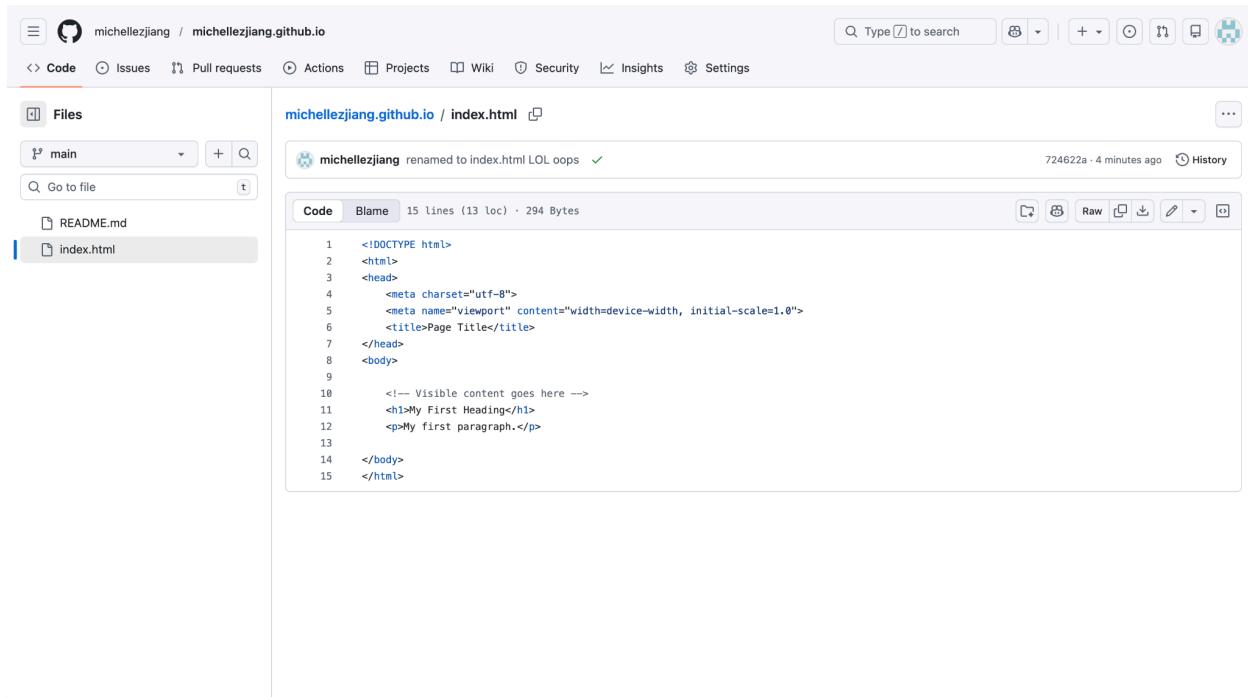
Then, in the bottom left hand corner, you want to commit your changes. You will need to add a description of the changes you made in your file. Then you can commit your changes.



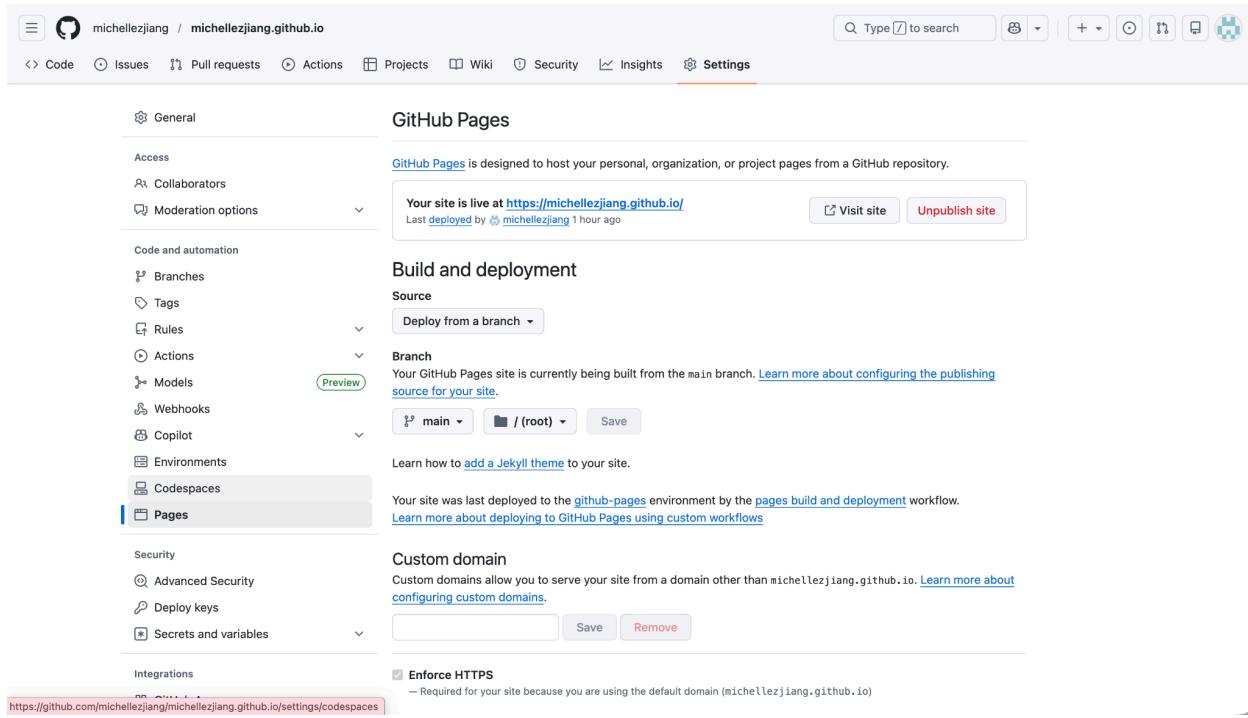
After committing your changes, you will be able to “push” your changes to GitHub by clicking the circled button.



After pushing your changes, you will be able to see your changes reflected in your GitHub repo on the website



To view your website, you can either type in the URL into your browser (it will be in the form <https://<your github username>.github.io/>), or you can go into Settings > Pages > Visit Site



The screenshot shows the GitHub Pages settings page for the repository `michellezjjiang/michellezjjiang.github.io`. The left sidebar has a 'Pages' tab selected. The main content area is titled 'GitHub Pages' and displays the following information:

- Access:** Your site is live at <https://michellezjjiang.github.io/>. Last deployed by `michellezjjiang` 1 hour ago. Buttons for 'Visit site' and 'Unpublish site' are present.
- Build and deployment:**
 - Source:** Deploy from a branch (set to 'main'). Buttons for 'Save' and 'Preview' are present.
 - Branch:** Your GitHub Pages site is currently being built from the main branch. [Learn more about configuring the publishing source for your site.](#)
- Custom domain:** Custom domains allow you to serve your site from a domain other than `michellezjjiang.github.io`. [Learn more about configuring custom domains.](#)
- Integrations:** A checkbox for 'Enforce HTTPS' is checked, with a note: 'Required for your site because you are using the default domain (michellezjjiang.github.io)'.

Note: your base landing page should be called **index.html** or else it won't run!

You can have other pages named differently, but they should all be linked back to your `index.html` page.

These are the basics to getting started with Project 1. If you have any additional questions, please feel free to stop by TA or Prof OH!