

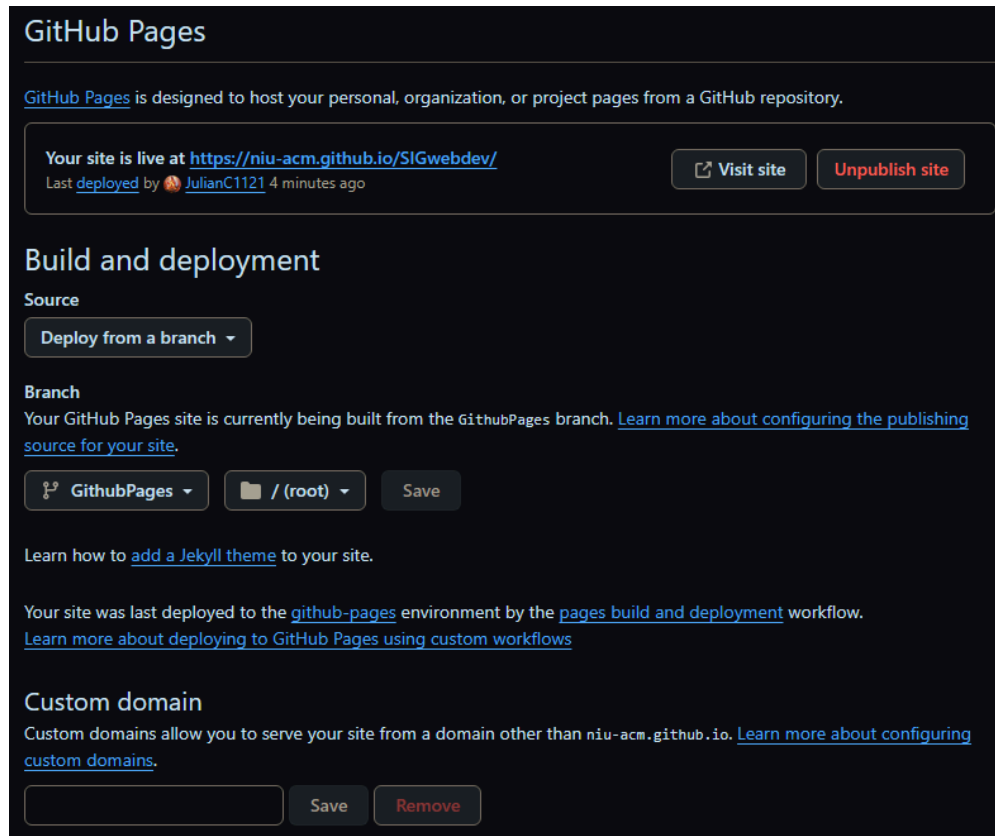
# **Github Pages Lesson Plan**

## 1. What is GitHub pages?

- Github pages is a service within Github to launch and host a website for free.
- Setting up your page isn't necessarily complicated, all you do is provide or create the files for your page in a specific repo, and once that's done, you can set it up within the GitHub website itself in the settings of your repository.
- Github pages isn't hard or complicated to use, Github themselves do provide a quick and easy tutorial on how to publish/launch your website, which we will show here.

## 2. How do I use GitHub pages?

- The first thing you do is create a new repository, specifically one that holds all of your current files for your project/website.
- Once you have all the files, click on the settings tabs on Github and click on the pages tab.



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- On the pages tab, you can select whether you'd want to deploy using a branch, or with GitHub Action. In this case, we will be deploying from our branch.
- Select the specific branch where you have all the files for your website, whether it's a specific branch different from main, or from main itself.
- Click save, and GitHub will generate and host the website for you, it usually takes a little bit for it to be uploaded so give it a bit.
- Once your website is posted, you will be given a link to be directed to your new site!
- OPTIONAL: You can purchase a domain to then link it to your GitHub pages site. Instead of having to type the entire GitHub link, you can

instead use your domain to have a quicker/more accessible way of accessing your website. (Example: Typing [ACMPage.com](https://acmpage.com) can just lead you to the website, instead of typing the entire URL)

### 3. Live Demo:

- My personal GitHub Pages test site:  
<https://julianc1121.github.io/SIGwebdev-main>
- ACM GitHub Pages test site: <https://niu-acm.github.io/SIGwebdev>