GITHUB PAGES AND JEKYLL

GITHUB PAGES

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WHY LEARN GITHUB PAGES?

▸ Host public, free webpages

▸ Easy to publish

▸ Share static content (resumes, blogs, etc.)

▸ Customize your personal site
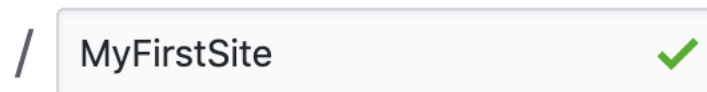
▸ Host your projects

CREATE YOUR PROJECT REPO

ENABLE GITHUB PAGES

▸ In your new repo, under Settings, scroll down to the "GitHub Pages" section and in the Source drop-down, select **master branch**.

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

⚠ **Caution:** This repository is private but the published site will be public.

Source
GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. Learn more.

None ▾

WHY LEARN JEKYLL?

▸ Jekyll is a static site generator.

▸ Transforms you plain test into static websites.

▸ Receives text written in a markup language such as Markdown and HTML

▸ Uses layouts to create static websites

▸ You can control how and which data is displayed.

WEBSITE SETTINGS

▸ Jekyll uses a file called _config.yml to store your website's setting such as the theme and reusable content.

▸ In this class, we'll build a blog.

▸ We'll use a blog-ready theme called minima.

▸ Create a _config.yml file:

```
title: Galit's First Site
author: Galit Lukin
email: lukingalit@gmail.com
description:
  Write your site description here. It will appear in your document head meta (for
  Google search results) and in your feed.xml site description.
theme: minima
```

CREATE CONTENT

▸ Create a file index.md

▸ `echo Welcome to my first 2020 blog! > index.md`

▸ The content on your index file creates your homepage.

▸ If an index file does not exist, Github Pages uses the README file to create the homepage.

VIEW YOUR WEBSITE

▸ `git status`

▸ You should have two new files (index.md, _config.yml)

▸ `add-commit-push`

▸ You can now view your website at
https://yourusername.github.io/repositoryname

ADD A BLOG POST

▸ Create a new file names _posts/YYYY-MM-DD-title.md replacing the date format with the date of your blog post and the title with the the blog post's title.

   ▸ Title must have hyphens between words.

   ▸ Date must follow the format given.

▸ Add syntax to your blog pots such as its title and date.

   ▸ The syntax Jekyll uses is called YAML front matter

ADD A BLOG POST

▸ An example of YAML front matter looks like below and is placed at the top of the file containing the blog post:

```
---

title: "YOUR-TITLE"

date: YYYY-MM-DD

---
```

▸ `add-commit-push`

▸ Checkout your new blog by refreshing the page!

CONGRATULATIONS!

▸ You have created and deployed your personal website on Github Pages!

▸ So much more to learn:

  ▸ Github Pages: https://pages.github.com/

  ▸ Jekyll: https://jekyllrb.com/

  ▸ Front Matter: https://jekyllrb.com/docs/front-matter/

  ▸ Themes supported by Github Pages: https://pages.github.com/themes/