

CMSC388T

GitHub Pages Tutorial

Today's Lecture

1

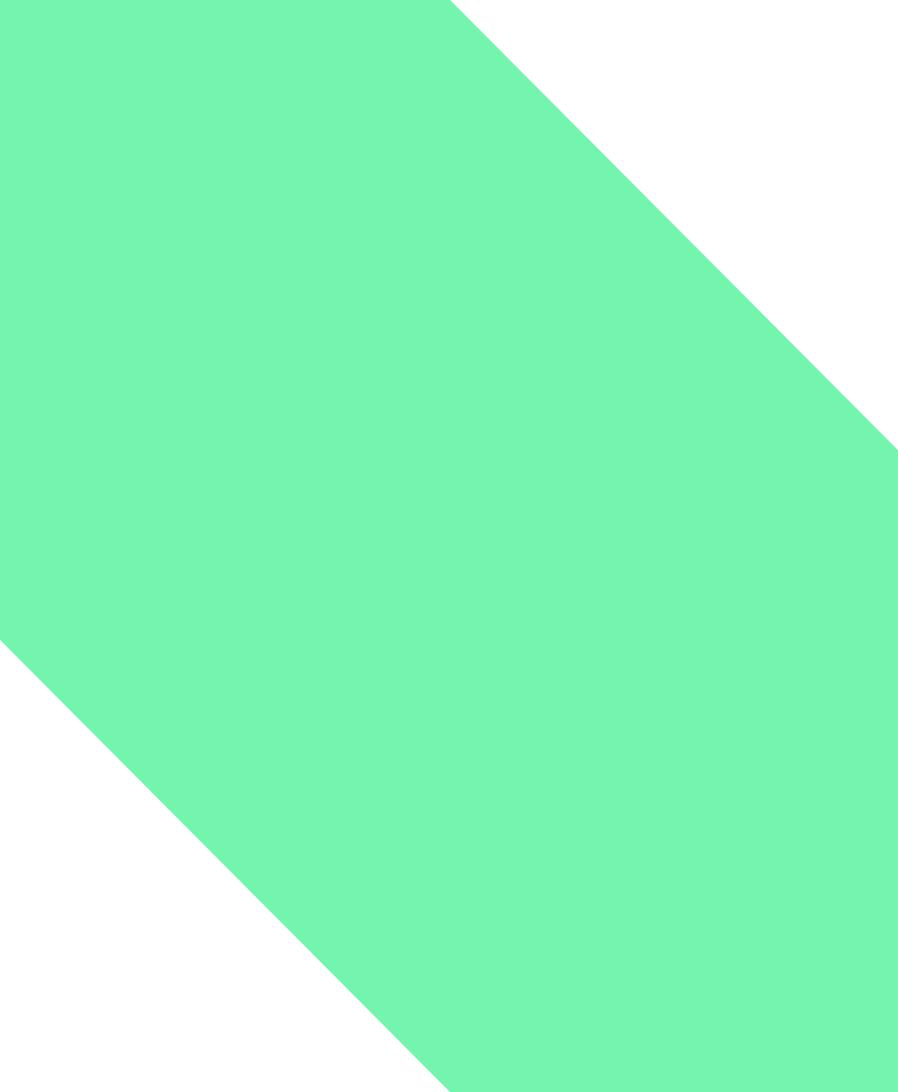
Fork our Public Repo and Modify the HTML

2

Host your website on Github Pages

3

TerpConnect



**Fork our public repo
and modify the HTML**

Fork our public repo

sagars729 / cmsc388T-web-template

Watch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights

main 1 branch 0 tags

Go to file Add file Code

sagars729 Initial Commit eb50f0c 6 minutes ago 2 commits

README.md	first commit	10 minutes ago
githubwhite.png	Initial Commit	6 minutes ago
linkedinwhite.png	Initial Commit	6 minutes ago
profile.png	Initial Commit	6 minutes ago
style.css	Initial Commit	6 minutes ago
website.html	Initial Commit	6 minutes ago

README.md

cmsc388T-web-template

About

Template for CMSC388T Project 3/Lecture 9 Website

Readme

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

Languages

CSS 57.0% HTML 43.0%

Fork our public repo continued...

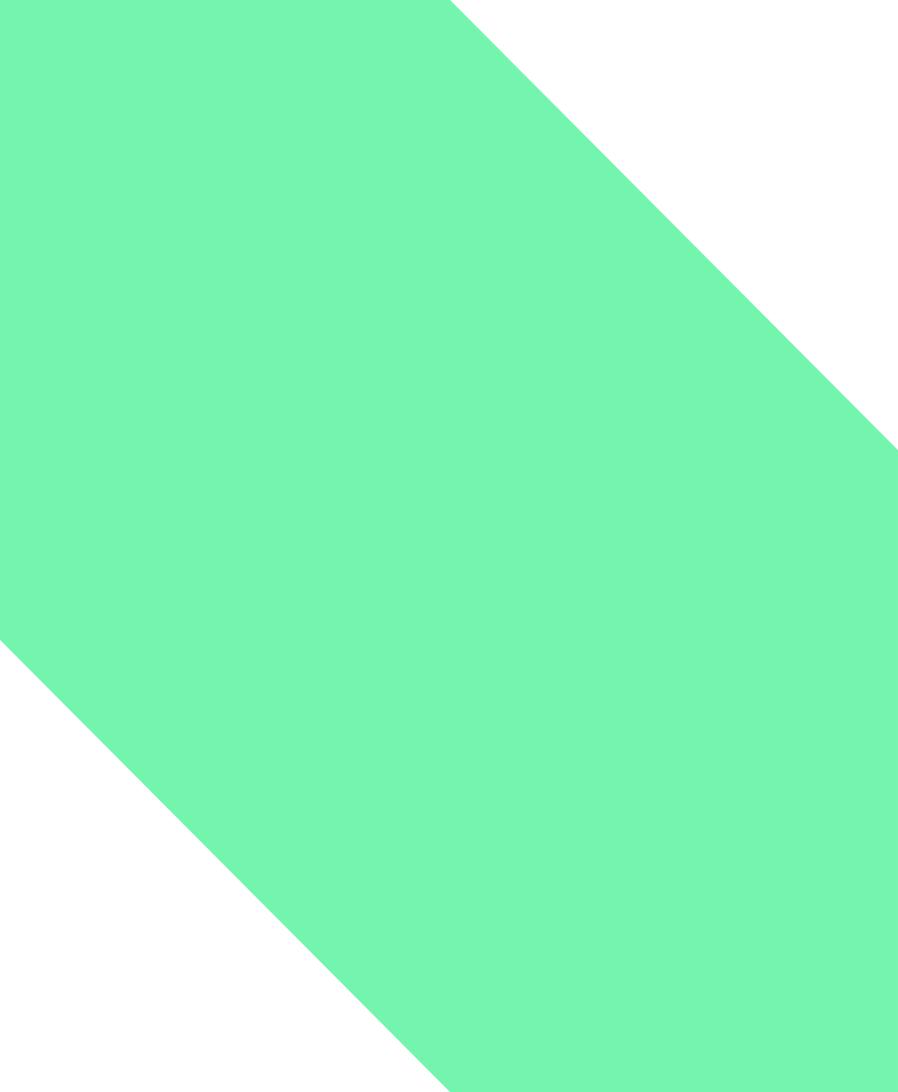


Select your github username

Fork our public repo continued...

```
(base) → classes git clone git@github.com:Sanjay404/cmsc388T-web-template.git
Cloning into 'cmsc388T-web-template'...
remote: Enumerating objects: 10, done.
remote: Counting objects: 100% (10/10), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 10 (delta 0), reused 10 (delta 0), pack-reused 0
Receiving objects: 100% (10/10), 451.36 KiB | 3.05 MiB/s, done.
```

Clone the repo locally



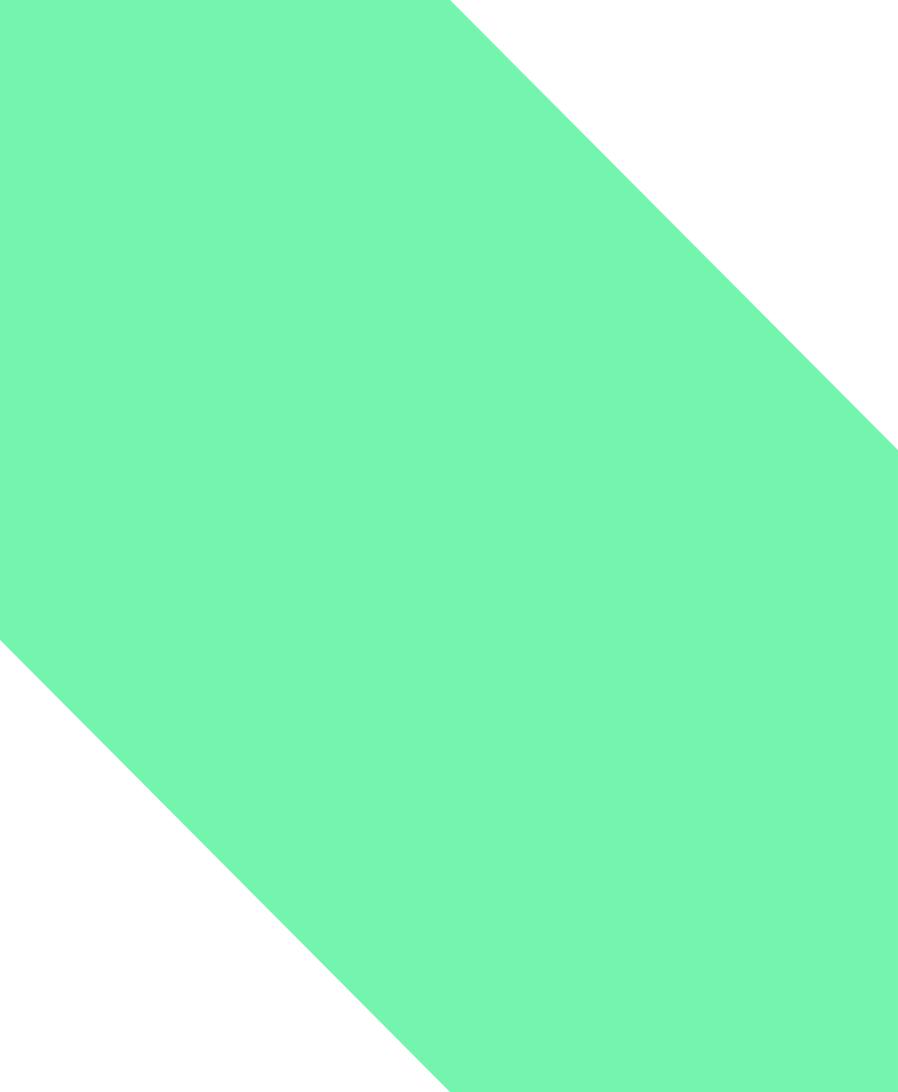
Host your website on Github Pages

Hosting your static website on
pages

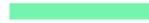
Modify the HTML

- Modifying the HTML is beyond the scope of this course, so we have provided a template, which you can modify to suit your needs
- Feel free to be creative and play around with the HTML and/or CSS
- Below, is an example of the code. Note how we have clearly labeled elements to change

```
1  <!DOCTYPE html>
2  <html>
3
4  <head>
5  <link rel="stylesheet" href="style.css" />
6  <title>YOUR TITLE</title> <!-- Add your title -->
7  <meta name="description" content="some desc">
8  </head>
```



Use GitHub actions to deploy project to terp connect



Renaming Your Repo

Set a new remote using the following command:
git remote rename origin <YOUR USER>.github.io

```
→ cmsc388T-web-template git:(main) git remote set-url origin git@github.com:Sanjay404/sanjay404.github.io
→ cmsc388T-web-template git:(main) gr -v
git@github.com:Sanjay404/sanjay404.github.io (fetch)
git@github.com:Sanjay404/sanjay404.github.io (push)
```

Go to your Repository Settings on GitHub

The screenshot shows the GitHub interface for a repository named 'Sanjay404 / cmsc388T-web-template', which is a fork of 'sagars729/cm388T-web-template'. The repository has 0 watches, 0 stars, and 1 fork. The navigation bar includes links for Code, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The 'Settings' link is circled in red, and a red arrow points from the title above to it. The left sidebar lists various settings categories: Options, Manage access, Security & analysis, Branches, Webhooks, Notifications, Integrations, Deploy keys, Actions, Environments, Secrets, and Moderation settings. The main content area is titled 'Settings' and includes sections for 'Repository name' (cm388T-web-template), 'Template repository' (checked), and 'Social preview'.

Sanjay404 / cm388T-web-template
forked from sagars729/cm388T-web-template

Watch 0 Star 0 Fork 1

Code Pull requests Actions Projects Wiki Security Insights **Settings**

Settings

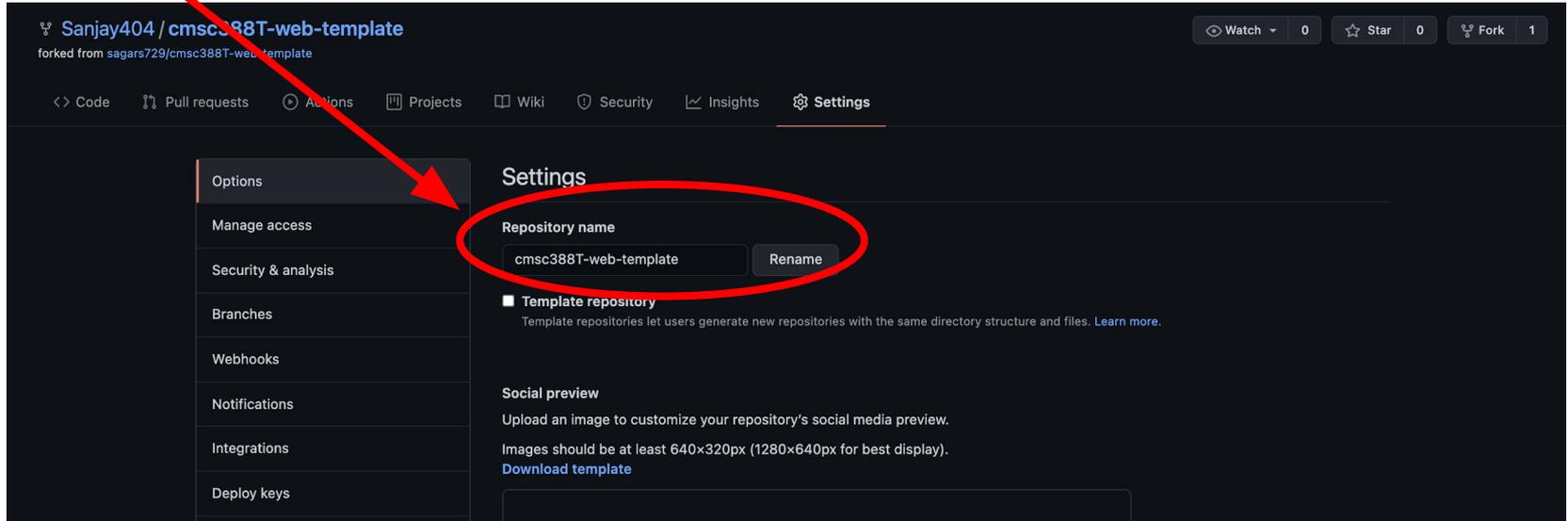
Repository name
cm388T-web-template [Rename](#)

Template repository
Template repositories let users generate new repositories with the same directory structure and files. [Learn more.](#)

Social preview
Upload an image to customize your repository's social media preview.
Images should be at least 640x320px (1280x640px for best display).
[Download template](#)

Options
Manage access
Security & analysis
Branches
Webhooks
Notifications
Integrations
Deploy keys
Actions
Environments
Secrets
Moderation settings

Renaming Your Repo continued ...



The screenshot shows the GitHub repository settings page for 'Sanjay404 / cmssc388T-web-template'. The 'Settings' tab is selected, and the 'Repository name' section is highlighted with a red circle. The current repository name is 'cmssc388T-web-template' and a 'Rename' button is visible next to it. A red arrow points from the top left towards the 'Options' menu item in the left sidebar.

rename your repo with the following naming convention:
<YOUR USER>.github.io

Scroll down to GitHub Pages

GitHub Pages

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

✓ Your site is published at <https://sanjay404.github.io/>

Source

Your GitHub Pages site is currently being built from the `main` branch. [Learn more.](#)

🔗 Branch: `main` ▾

📁 / (root) ▾

Save

Theme Chooser

Select a theme to publish your site with a Jekyll theme. [Learn more.](#)

Choose a theme

Select "main" and press save

Your Website is Now Available!

Head to <YOUR USER>.github.io/website.html

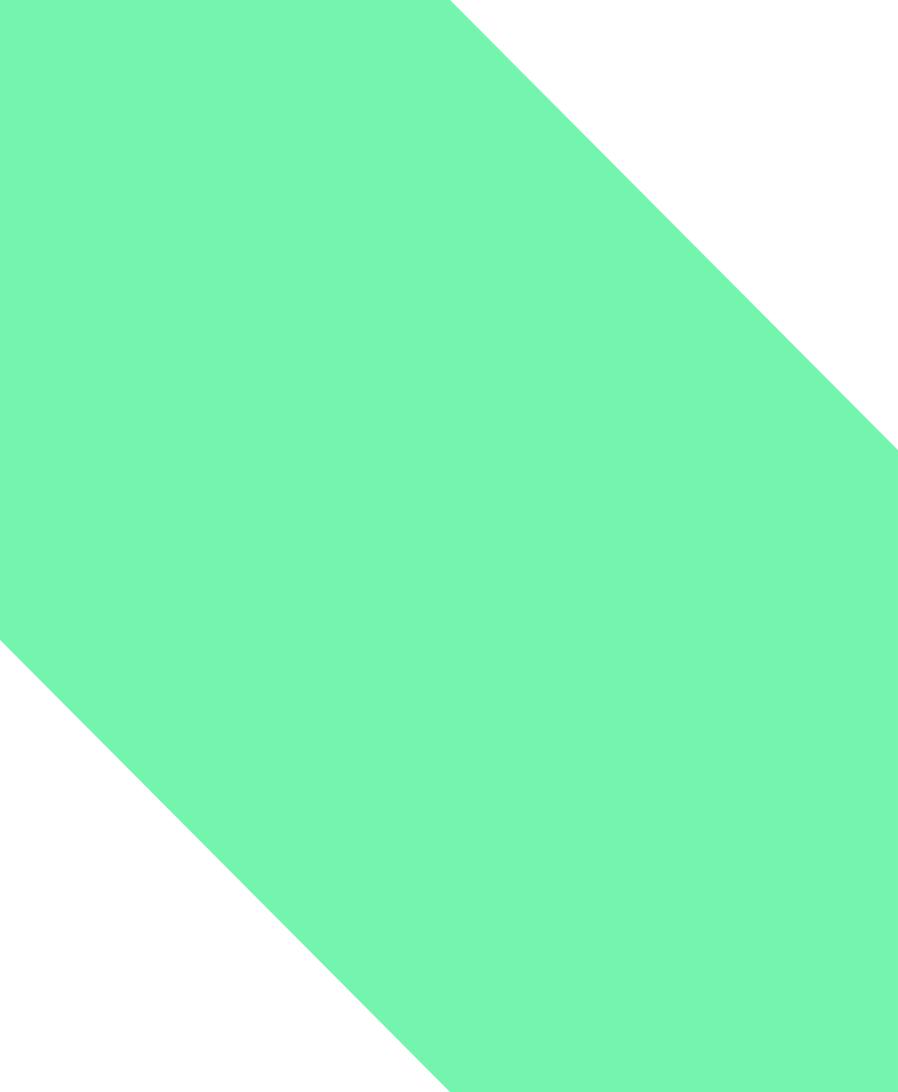
YOUR NAME

About Me



INTRODUCE YOURSELF
RELEVANT INFO
YOUR INTERESTS





TerpConnect

Accessing TerpConnect

```
(base) → ~ ssh sanjays@terpconnect.umd.edu  
sanjays@terpconnect.umd.edu's password:
```

```
* * * WARNING * * *
```

```
Unauthorized access to this computer is in violation of Md.  
Annotated Code, Criminal Law Article sections 8-606 and 7-302 and the  
Computer Fraud and Abuse Act, 18 U.S.C. sections 1030 et seq. The University  
may monitor use of its computing resources as permitted by state  
and federal law, including the Electronic Communications Privacy Act,  
18 U.S.C. sections 2510-2521 and the Md. Annotated Code, Courts and Judicial  
Proceedings Article, Section 10, Subtitle 4. Anyone using this system  
acknowledges that all use is subject to University of Maryland Policy  
on the Acceptable Use of Information Technology Resources available at  
http://www.umd.edu/aup.
```

```
By logging in I acknowledge and agree to all terms and conditions  
regarding my access and the information contained therein.
```

```
To report problems or request assistance call the Help Desk at 301-405-1500
```

```
Last login (UMD): Sat Jan  2 13:22:28  to y.glue.umd.edu on /dev/pts/2  
tcsh: using dumb terminal settings.  
z::~█
```

Accessing Your Public Folder

```
[z:~: ls
#.path#          Mail          examples          temp_programs  welcome
[z:~: cd ..
[z:/<3>glue/s/a/sanjays: ls
backup  home    mail    pub    service
[z:/<3>glue/s/a/sanjays: cd pub/
[z:/<4>s/a/sanjays/pub: █
```

Creating a Basic HTML Page Available Publicly

```
z:/<4>s/a/sanjays/pub: echo "Hello World" > cmsc388.html
z:/<4>s/a/sanjays/pub: cat cmsc388.html
Hello World
```

The HTML is now on TerpConnect at <https://www.terpconnect.umd.edu/~sanjays/cmsc388.html>

