What's Next?

What's Next?

Showing off on GitHub and Future Studies

Showing Off Your Work

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Want to show off what you've done?

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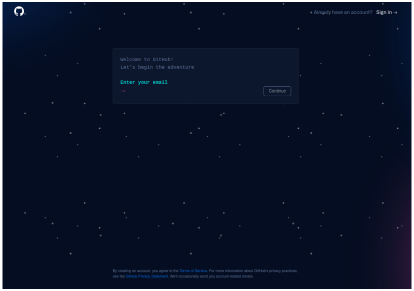
Want to show off what you've done?

`https://github.com/signup`

Sign-Up Page

Create an account using a permanent email address (one that you will have access to indefinitely):



Welcome to GitHub!
Let’s begin the adventure

Enter your email
→

By creating an account, you agree to the Terms of Service. For more information about GitHub's privacy practices, see the GitHub Privacy Statement. We'll occasionally send you account-related emails.

Install git on your Computer

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Mac and Linux come with `git` already installed

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For Windows:
`https://gitforwindows.org/`

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Verify installation:

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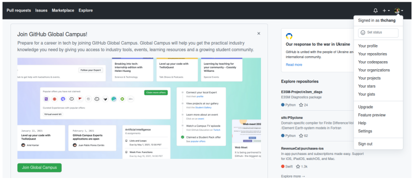
Verify installation:

```
>>> git --version
```

Create Your Profile

Click your profile picture in the top right corner and go to your profile to finish setting up your account:



Join GitHub Global Campus!

Prepare for a career in tech by joining GitHub Global Campus. Global Campus will help you get the practical industry knowledge you need by giving you access to industry tools, events, learning resources and a growing student community.

Our response to the war in Ukraine

GitHub is united with the people of Ukraine an international community.

Explore repositories

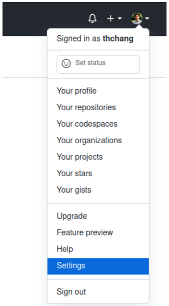
E3SM-Project/e3sm_diags
E3SM Diagnostics package
Python 24

stfc/PSyclone
Domain-specific compiler for Finite Difference/Vol /Element Earth-system models in Fortran
Python 62

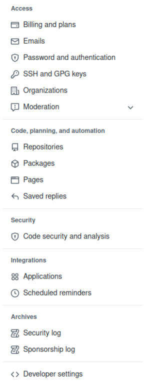
RevenueCat/purchases-ios
In-app purchases and subscriptions made easy. Support for iOS, iPadOS, watchOS, and Mac.
Swift 1.3k

Go to Settings

When you're done, go to settings:

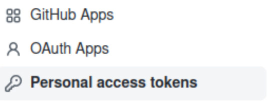


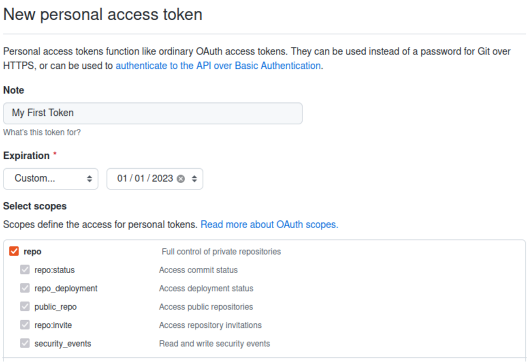
Developer settings



Token Tab

You need to generate a token to push changes from your computer (your password won't work):




New personal access token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to authenticate to the API over Basic Authentication.

Note

My First Token

What's this token for?

Expiration *

Custom... 01 / 01 / 2023

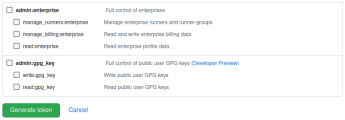
Select scopes

Scopes define the access for personal tokens. Read more about OAuth scopes.

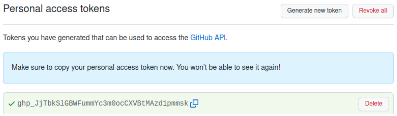
✓ **repo**	Full control of private repositories
✓ repo:status	Access commit status
✓ repo_deployment	Access deployment status
✓ public_repo	Access public repositories
✓ repo:invite	Access repository invitations
✓ security_events	Read and write security events

Generate Token

Save your token in a file



admin:enterprise	Full control of enterprises
manage_runners:enterprise	Manage enterprise runners and runner-groups
manage_billing:enterprise	Read and write enterprise billing data
read:enterprise	Read enterprise profile data
admin:gpg_key	Full control of public user GPG keys (Developer Preview)
write:gpg_key	Write public user GPG keys
read:gpg_key	Read public user GPG keys

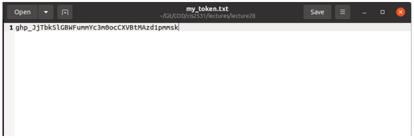


Personal access tokens

Tokens you have generated that can be used to access the GitHub API.

Make sure to copy your personal access token now. You won't be able to see it again!

```
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
```

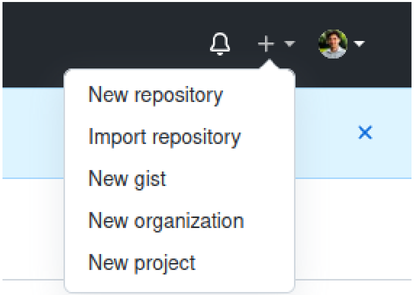


my_token.txt
~/Git/COD/cis2531/lectures/lecture28

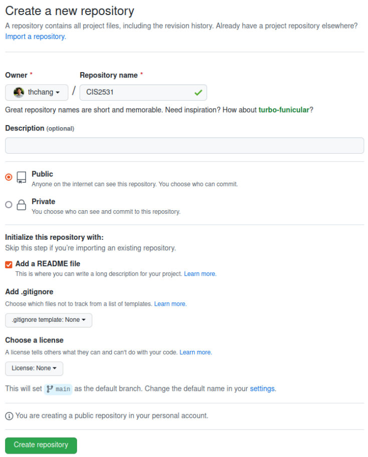
```
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
```

Create a Repo

Now create a new repo



Give Your Repo a Name


Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Owner * thchang / Repository name * CIS2531 ✓

Great repository names are short and memorable. Need inspiration? How about turbo-funicular?

Description (optional)

● Public
Anyone on the internet can see this repository. You choose who can commit.

○ Private
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

✓ Add a README file
This is where you can write a long description for your project. Learn more.

Add .gitignore
Choose which files not to track from a list of templates. Learn more.
.gitignore template: None

Choose a license
A license tells others what they can and can't do with your code. Learn more.
License: None

This will set `main` as the default branch. Change the default name in your settings.

ⓘ You are creating a public repository in your personal account.

Clone your Repo on your local machine

```
git clone https://github.com/user-name/repo-name.git
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Replace `repo-name` with your repo name

This create a new directory (`repo-name`) in your current working directory
Create/copy all the files for your project inside that directory

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Set upstream to your remote repository (only first time):

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git pull
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Push changes:

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`git pull` Pull changes from remote

Add a README

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README.md:

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```
# Welcome to my repo!

This is my first GitHub Uplaod!
```

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If you want to make changes, fork their project first to your own repo, then clone your fork

Link your GitHub

Once you have a couple projects, you should link your GitHub on your Resume:

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Tyler H. Chang

City: xxxxxx	GitHub: `https://github.com/thchang`
email: xxx@xxx.xxx	Phone: xxx-xxx-xxxx

Experience:

Professional Googler *at Google* (10 years)

· Googles stuff . . . (on my personal laptop)

· Didn't actually work at Google

· May never have had a job at all?

Next steps

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What to study next?

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What part of this course did you enjoy most?

Front-end Developer

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Builds pretty websites and GUIs (like tkinter)

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Software Engineer

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- Pros and cons of these tools

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- Statistics
- Strong communication skills