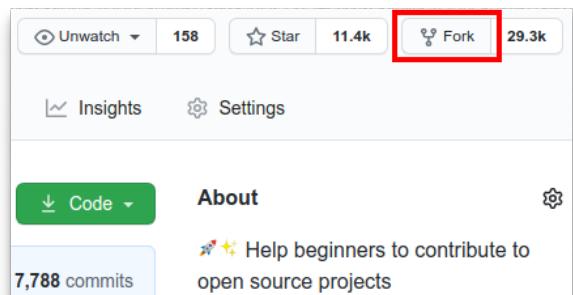




First Contributions

This project aims to simplify and guide the way beginners make their first contribution. If you are looking to make your first contribution, follow the steps below.

If you're not comfortable with command line, [here are tutorials using GUI tools](#).

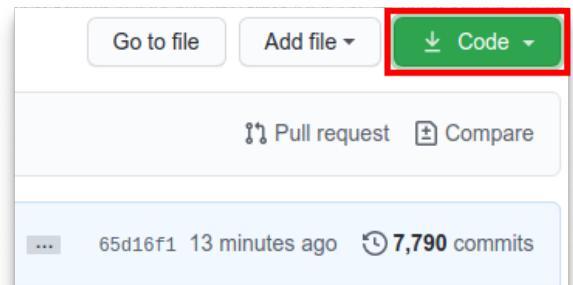


If you don't have git on your machine, [install it](#).

Fork this repository

Fork this repository by clicking on the fork button on the top of this page. This will create a copy of this repository in your account.

Clone the repository

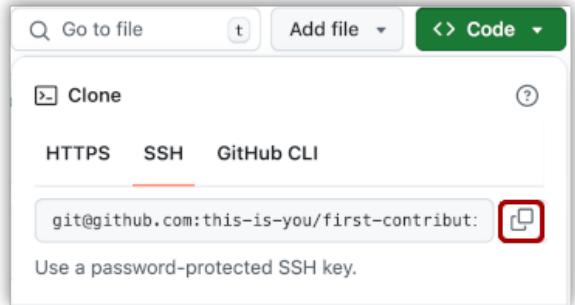


Now clone the forked repository to your machine. Go to your GitHub account, open the forked repository, click on the code button and then click the *copy to clipboard* icon.

Open a terminal and run the following git command:

```
git clone "url you just copied"
```

where "url you just copied" (without the quotation marks) is the url to this repository (your fork of this project). See the previous steps to obtain the url.



For example:

```
git clone git@github.com:this-is-you/first-contributions.git
```

where `this-is-you` is your GitHub username. Here you're copying the contents of the first-contributions repository on GitHub to your computer.

Create a branch

Change to the repository directory on your computer (if you are not already there):

```
cd first-contributions
```

Now create a branch using the `git switch` command:

```
git switch -c your-new-branch-name
```

For example:

```
git switch -c add-alonzo-church
```

Make necessary changes and commit those changes

Now open `Contributors.md` file in a text editor, add your name to it. Don't add it at the beginning or end of the file. Put it anywhere in between. Now, save the file.

```
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   Contributors.md
```

If you go to the project directory and execute the command `git status`, you'll see there are changes.

Add those changes to the branch you just created using the `git add` command:

```
git add Contributors.md
```

Now commit those changes using the `git commit` command:

```
git commit -m "Add your-name to Contributors list"
```

replacing `your-name` with your name.

Push changes to GitHub

Push your changes using the command `git push`:

```
git push -u origin your-branch-name
```

replacing `your-branch-name` with the name of the branch you created earlier.

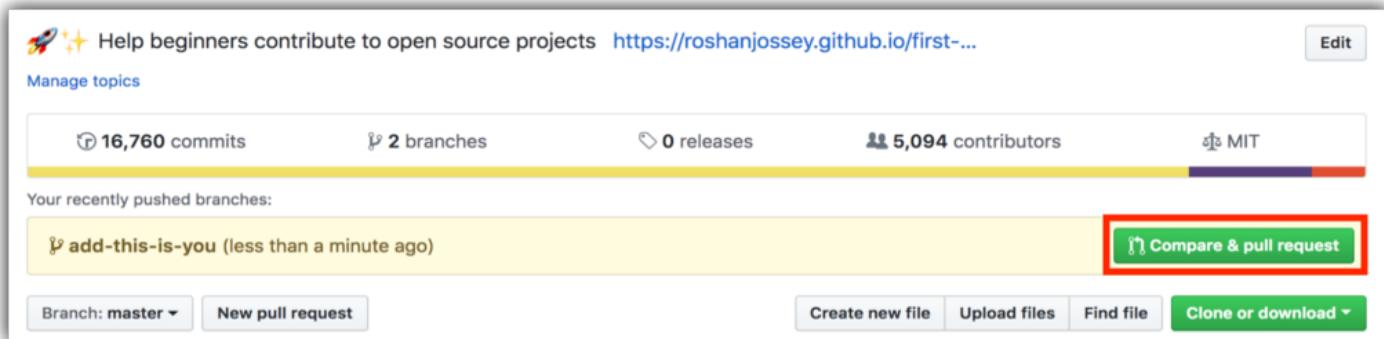
If you get any errors while pushing, click here: - #### Authentication Error

```
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
remote: Please see https://github.blog/2020-12-15-token-authentication-requirements-for-git-operations
fatal: Authentication failed for 'https://github.com/first-contributions.git/'
```

Go to [GitHub's tutorial](<https://docs.github.com/en/authentication/connecting-to-github-with-ssh/adding-a-new-ssh-key-to-your-github-account>) on generating and configuring an SSH key to your account.

Submit your changes for review

If you go to your repository on GitHub, you'll see a `Compare & pull request` button. Click on that button.



Now submit the pull request.

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

The screenshot shows the GitHub pull request creation interface. At the top, it displays the base fork as 'firstcontributions/first-contrib...' and the base branch as 'master'. The head fork is set to 'this-is-you/first-contributions' and the compare branch is 'add-this-is-you'. A green checkmark indicates that the branches are 'Able to merge'. Below this, there's a text input field with the placeholder 'Add this is you' and a toolbar with writing and preview options. A comment section is present with a placeholder 'Leave a comment'. Below the comment area, there's a note about attaching files and a checkbox for 'Allow edits from maintainers' with a 'Learn more' link. On the right, there's a sidebar with documentation links: 'Contributing guidelines' (last updated on 5 Aug) and 'Code of conduct' (last updated on 27 Jan). A note in the sidebar says 'Documentation has changed since you last contributed on 9 Jan. Take a look before submitting a pull request.'

Soon I'll be merging all your changes into the main branch of this project. You will get a notification email once the changes have been merged.

Where to go from here?

Congrats! You just completed the standard *fork -> clone -> edit -> pull request* workflow that you'll often encounter as a contributor!

Celebrate your contribution and share it with your friends and followers by going to [web app](#).

You could join our slack team if you need any help or have any questions. [Join slack team](#).

Now let's get you started with contributing to other projects. We've compiled a list of projects with easy issues you can get started on. Check out [the list of projects in the web app](#).

Additional material

Tutorials Using Other Tools



[GitHub Desktop](#)



[Visual Studio 2017](#)

[GitKraken](#)



[Visual Studio Code](#)

[Atlassian Sourcetree](#)

[IntelliJ IDEA](#)

This project is supported by:

