

# HOW TO MAKE A PROJECT ON Github

## WHAT YOU NEED

- Mac computer
- Access to the Internet
- An existing project folder with all of your code inside

## BEFORE YOU BEGIN

- Know how to use a Mac computer
- Know basic Linux commands
- Know basic git commands

## RESOURCES

- Basic Git Commands:  
*<https://confluence.atlassian.com/bitbucketserver/basic-git-commands-776639767.html>*
- Basic Linux Commands:  
*<http://www.dummies.com/computers/operating-systems/linux/common-linux-commands/>*

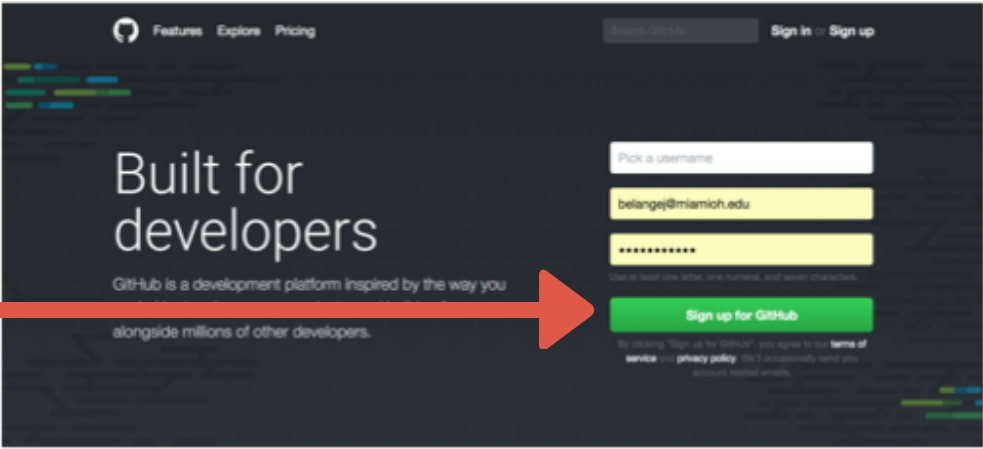
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# PART 1: CREATE AN ACCOUNT ON GITHUB

1. Navigate to `https://github.com/`

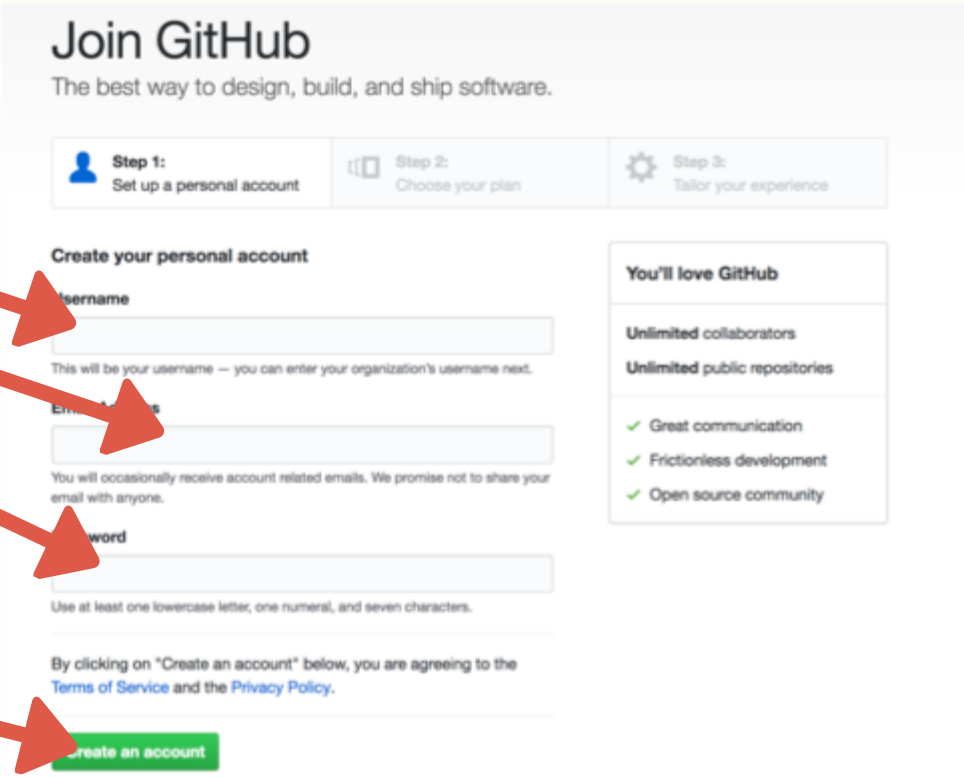
2. Click the signup button



3. Fill in the following fields:

- Username
- Email Address
- Password

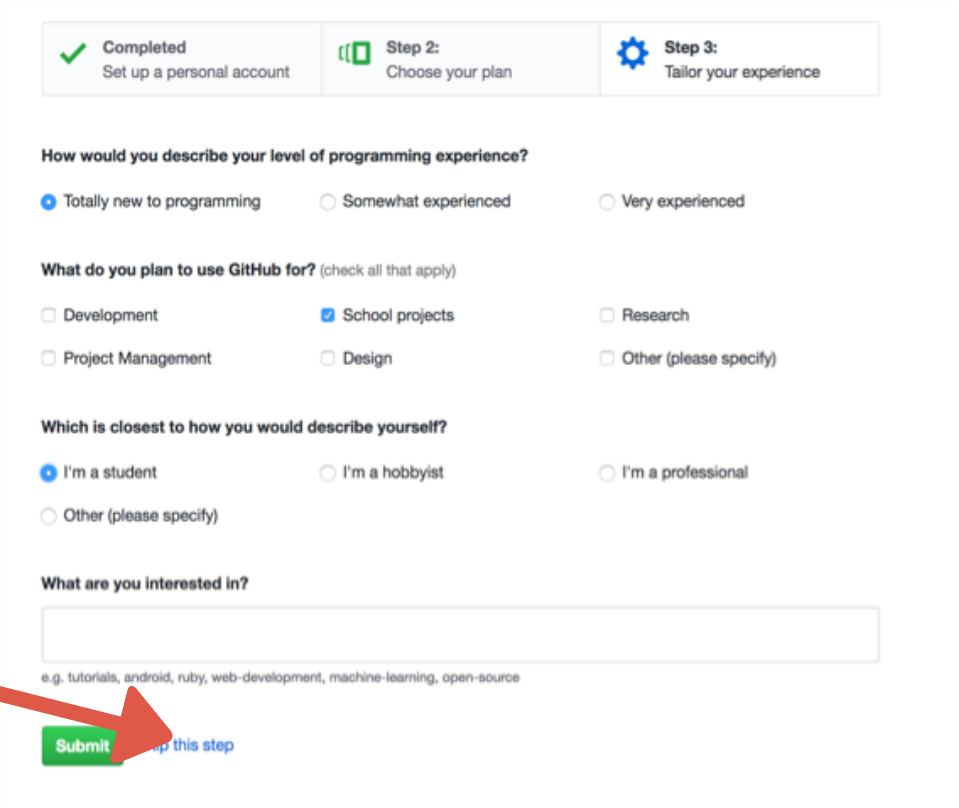
4. Click "Create an account"



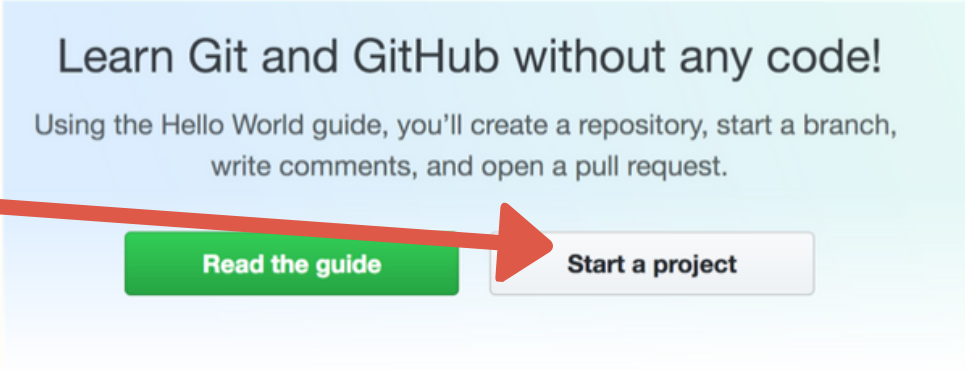
5. Feel free to enter your information for each question

OR

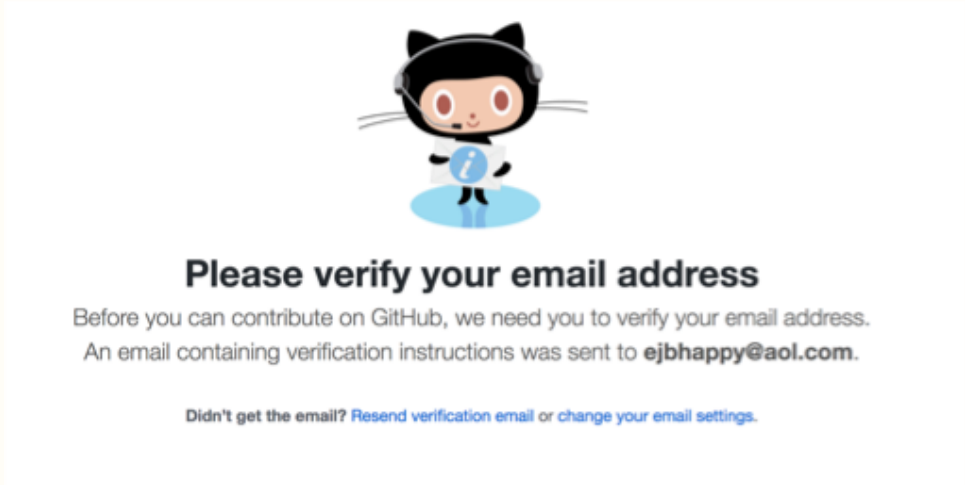
click "skip this step"



6. Click "Start a project"



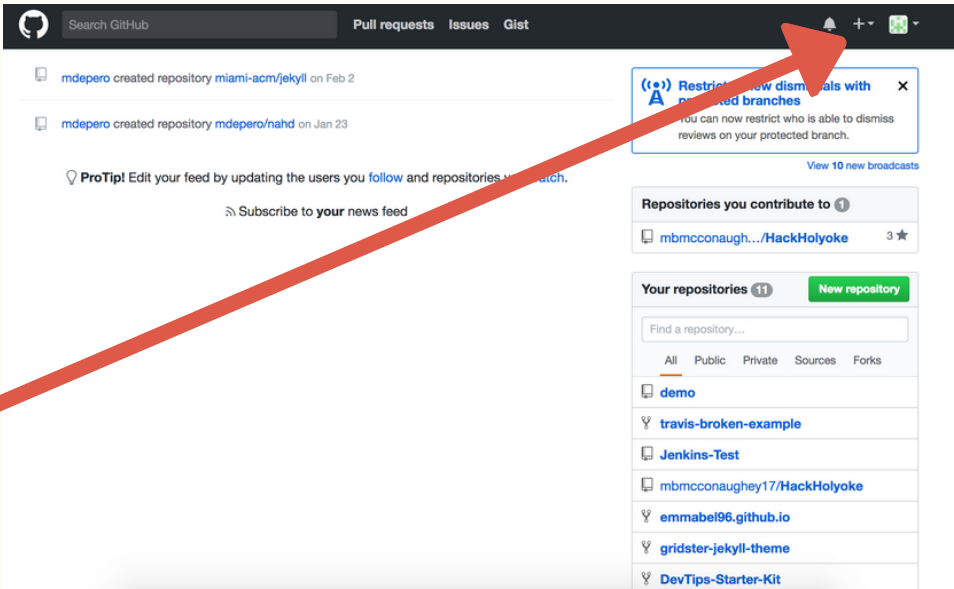
7. Check your email and verify your email address with Github



8. Navigate back to https://github.com /

## PART 2: CREATE A REPOSITORY

9. Click the plus sign in the upper right-hand corner and select "Create a repository"



10. Type the name of the project into the "Repository name" field

11. Add a description of your project in the "Description" field

12. Choose the "public" option

13. Click "create repository"

The screenshot shows the GitHub 'Create a new repository' page. It includes fields for 'Owner' (set to 'emmabel96'), 'Repository name', and 'Description (optional)'. There are radio buttons for 'Public' (selected) and 'Private'. Below these are checkboxes for 'Initialize this repository with a README' and dropdowns for 'Add .gitignore' and 'Add a license'. A green 'Create repository' button is at the bottom. Red arrows from the instructions point to the 'Repository name' field, the 'Description' field, the 'Public' option, and the 'Create repository' button.

## PART 3: PUSH PROJECT TO GITHUB

14. Open the terminal on your Mac

Do this by hitting the "Command" button and Spacebar on your keyboard.  
Type "terminal" and hit the "Enter" key.

15. Navigate to the directory your project is in using linux commands

The screenshot shows a terminal window titled 'Jenkins-Test — bash — 80x24'. The command history shows the user navigating from their home directory to the Desktop and then into the Jenkins-Test directory using 'cd' commands. The prompt is now 'Emmas-MacBook-Pro:Jenkins-Test emmabelanger\$'.

```
Last login: Mon Feb 27 18:53:38 on ttys001
Emmas-MacBook-Pro:~ emmabelanger$ cd Desktop
Emmas-MacBook-Pro:Desktop emmabelanger$ cd Jenkins-Test/
Emmas-MacBook-Pro:Jenkins-Test emmabelanger$ ls
Emmas-MacBook-Pro:Jenkins-Test emmabelanger$
```

16. Copy and paste the text to the right into the terminal and hit Enter

Copy and paste the text below:

*git init*

```
Emmas-MacBook-Pro:demo emmabelanger$ git init
Initialized empty Git repository in /Users/emmabelanger/Desktop/demo/.git/
Emmas-MacBook-Pro:demo emmabelanger$
```

17. Copy and paste the text to the right into the terminal and hit Enter

Copy and paste the text below:

*git add .*

```
Emmas-MacBook-Pro:demo emmabelanger$ git add .
Emmas-MacBook-Pro:demo emmabelanger$
```

18. Copy and paste the text to the right into the terminal and hit Enter

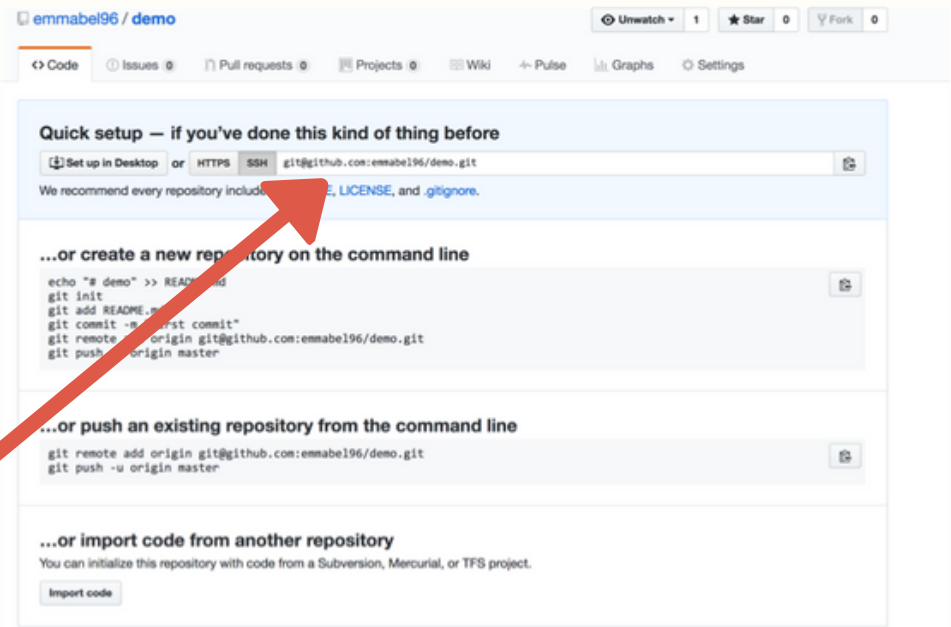
Copy and paste the text below:

*git commit -m "First Commit"*

```
Emmas-MacBook-Pro:demo emmabelanger$ git commit -m "First commit"
[master (root-commit) c3ad173] First commit
1 file changed, 1 insertion(+)
create mode 100644 test.txt
Emmas-MacBook-Pro:demo emmabelanger$
```

19. Navigate back to <https://github.com/>

20. Copy the remote repository URL given from the repository you just created on Github



21. Copy and paste the text to the right, inserting the repository URL you created in the previous step in the braces and hit Enter

Copy and paste the text below:  
*git remote add origin [remote repository URL]*

```
Emmas-MacBook-Pro:demo emmabelanger$ git remote add origin git@github.com:emmabel96/demo.git
Emmas-MacBook-Pro:demo emmabelanger$
```

22. Copy and paste the text to the right into the terminal and hit Enter

Copy and paste the text below:  
*git push -u origin master*

```
Emmas-MacBook-Pro:demo emmabelanger$ git push -u origin master
Counting objects: 3, done.
Writing objects: 100% (3/3), 219 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To git@github.com:emmabel96/demo.git
 * [new branch]      master -> master
Branch master set up to track remote branch master from origin.
Emmas-MacBook-Pro:demo emmabelanger$
```

**CONGRATULATIONS!**  
You have successfully created a project in Github!