

ALL YOU NEED TO KNOW TO GET STARTED WITH GIT AND GITHUB



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GIT IS A VERSION
CONTROL SYSTEM THAT
ALLOWS YOU TO TRACK
CHANGES TO YOUR CODE
AND COLLABORATE WITH
OTHERS. GITHUB IS A
HOSTING SERVICE FOR
GIT REPOSITORIES.



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HERE ARE THE **STEPS** TO GET STARTED WITH GIT AND GITHUB:


- INSTALL GIT ON YOUR COMPUTER BY FOLLOWING THE INSTRUCTIONS FOR YOUR OPERATING SYSTEM:
 - WINDOWS: [HTTPS://GIT-SCM.COM/DOWNLOAD/WIN](https://git-scm.com/download/win)
 - MAC: [HTTPS://GIT-SCM.COM/DOWNLOAD/MAC](https://git-scm.com/download/mac)
 - LINUX: [HTTPS://GIT-SCM.COM/DOWNLOAD/LINUX](https://git-scm.com/download/linux)



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- CREATE A GITHUB ACCOUNT BY GOING TO [HTTPS://GITHUB.COM](https://github.com) AND FOLLOWING THE PROMPTS TO SIGN UP.
- CONFIGURE GIT WITH YOUR NAME AND EMAIL ADDRESS BY RUNNING THE FOLLOWING COMMANDS IN A TERMINAL:



```
git config --global user.name "Your Name"  
git config --global user.email "your@email.com"
```



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- CREATE A NEW REPOSITORY ON GITHUB BY CLICKING THE "NEW" BUTTON IN THE TOP-RIGHT CORNER OF THE DASHBOARD. GIVE YOUR REPOSITORY A NAME AND CLICK "CREATE REPOSITORY".
- CLONE THE REPOSITORY TO YOUR LOCAL MACHINE BY COPYING THE URL FROM THE "CLONE OR DOWNLOAD" BUTTON AND RUNNING THE FOLLOWING COMMAND IN A TERMINAL:



```
git clone https://github.com/your-username/repository-name.git
```



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- MOVE INTO THE REPOSITORY DIRECTORY AND CREATE A NEW FILE:



```
cd repository-name  
touch file.txt
```

- ADD THE FILE TO THE STAGING AREA AND COMMIT YOUR CHANGES WITH A MESSAGE:



```
git add file.txt  
git commit -m "Add file"
```



- PUSH YOUR CHANGES TO THE REMOTE REPOSITORY ON GITHUB:

A terminal window with a dark background and a light gray border. In the top-left corner, there are three colored circles: red, yellow, and green. The text 'git push origin master' is displayed in a monospaced font, with 'git' in yellow, 'push' in green, and 'origin master' in white.

```
git push origin master
```

THAT'S IT! YOU'VE SUCCESSFULLY SET UP GIT AND PUSHED YOUR FIRST COMMIT TO GITHUB.

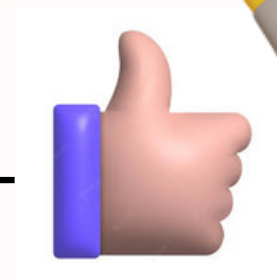


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