



Otacilio Maia
@OtacilioN

`$ npm i -g otaciliomaia`

<https://otaciliomaia.com>



#OpenSource

Entenda mais sobre este movimento que está mudando o **mundo**.





#OpenSource



Contributor



Maintainer





#Maintainer

Para ser um mantenedor você precisa:

- Ter alguma experiência como contribuidor
- Saber dar feedbacks
- Habilidades de gerenciamento de projeto

Sendo um mantenedor você consegue:

- Muitas pessoas usando seu projeto
- Melhorar suas habilidades de gerenciamento
- Ganhar dinheiro via patreon ou consultorias





#Contributor

Para ser um contribuidor você precisa:

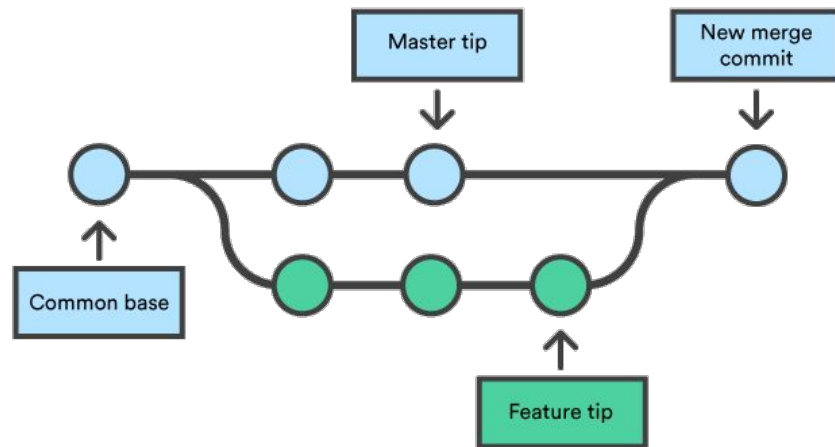
- Aprender a usar Git
- Aprender sobre o fluxo de contribuição no GitHub
- Encontrar projetos do seu interesse

Sendo um contribuidor você pode:

- Aprender sobre a tech stack do projeto
- Fazer networking com devs do mundo todo
- Criar um portfólio onde empresas do mundo todo vejam



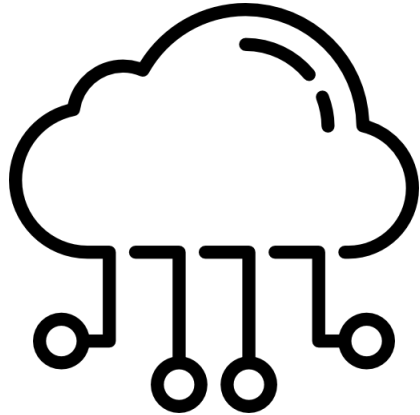
O que é git?



O que é git?



O que é GitHub?



Como instalar?

<https://git-scm.com>



Configurando git pela primeira vez

```
LAMBERTO:FunnyAlgorithms OtacilioN$ git config --global user.name "OtacilioN"  
LAMBERTO:FunnyAlgorithms OtacilioN$ git config --global user.email "contato@otaciliomaia.com"  
LAMBERTO:FunnyAlgorithms OtacilioN$
```



Encontre um repositório do seu interesse

The screenshot shows the GitHub interface for the repository **RecilHub / FunnyAlgorithms**. The repository is public and has 9 unwatchers, 183 stars, and 417 forks. The main content area displays a list of files and folders, each with a commit message and a timestamp. The right sidebar contains sections for 'About', 'Releases', 'Packages', and 'Contributors'.

Repository: RecilHub / FunnyAlgorithms (Public)

Unwatch 9 | Unstar 183 | Fork 417

Code | Issues 3 | Pull requests 20 | Actions | Projects | Wiki | Security | Insights | Settings

master | 2 branches | 0 tags | Go to file | Add file | Code

react-ions and ErickSimoes Added the .cpp code 23 hours ago 1,492 commits

File/Folder	Commit Message	Time Ago
0-1 Knapsack Problem	Update Readme.md	23 hours ago
3%	Create Readme.md	23 hours ago
AnagramChecker	Update Readme.md	23 hours ago
AreYouARobot	Robot in C#	15 months ago
AreYouCool	Merge pull request #583 from Blueforce-io/patch-1	2 years ago
AreYouOk	feat: add Python version of AreYouOk algorithm	23 hours ago
Armstrong Numbers	adds armstrong number checker in scala	12 months ago
BFS	Create BFS.cpp	13 months ago
Bacon Cipher	Adding Bacon Cipher in Python	12 months ago
Balanced Parenthesis	Added balanced Parenthesis in python	12 months ago
Bankers_Algorithm_Operating_System	Modularize banker.py	12 months ago
BaseConverter	Merge pull request #558 from matthewfritsch/BaseConverter64CPP	2 years ago
Beer O Clock	Merge pull request #582 from helloRupa/beer_o_clock_ruby	2 years ago
BeerRhyme	add beerRhyme.js	16 months ago
BellmanFord	BellmanFord algorithm in C++.	2 years ago
Binary Search	Merge branch 'master' into binarySearch-cpp	12 months ago
Binary_Clock	Update binary_clock.py	12 months ago

About
A repository with a bunch of funny algorithms, beginners friendly

algorithm algorithms first-timers
hacktoberfest beginners-friendly
funny-experiments first-timers-friendly
funny-algorithms

Releases
No releases published
Create a new release

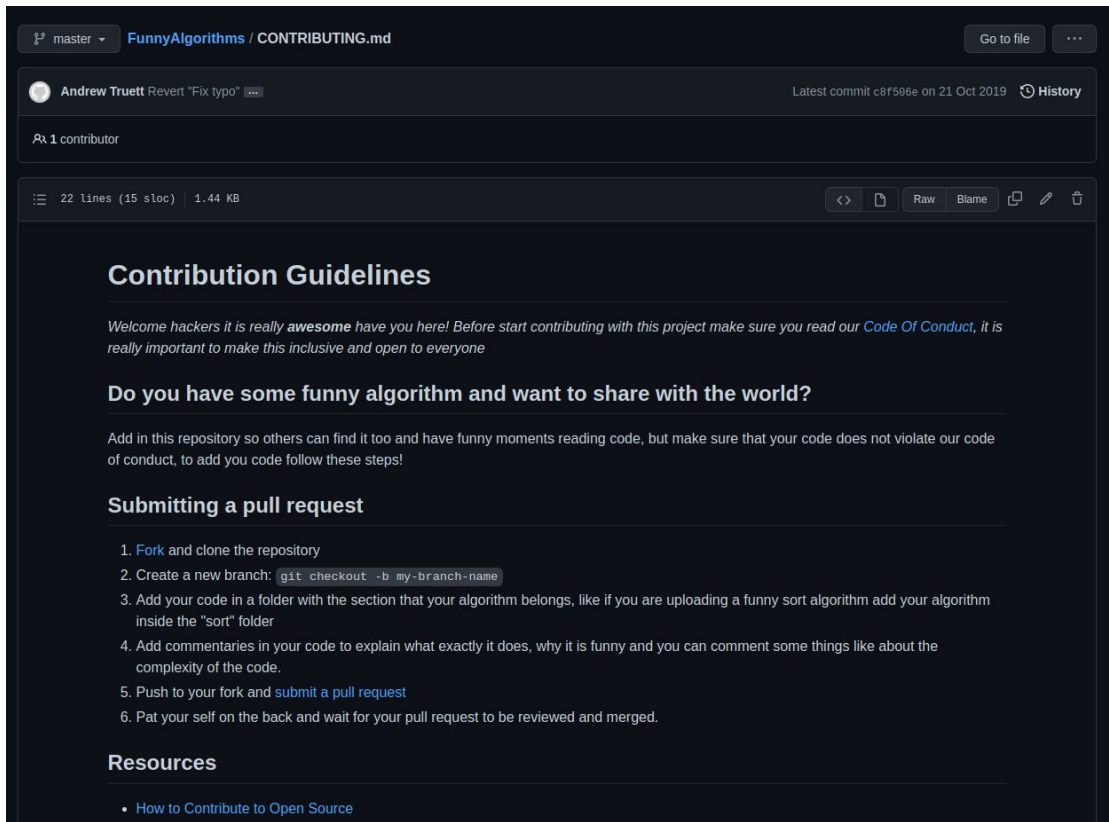
Packages
No packages published
Publish your first package

Contributors 357

+ 346 contributors



Procure o arquivo CONTRIBUTING.md



The screenshot shows the GitHub interface for the repository 'FunnyAlgorithms / CONTRIBUTING.md'. At the top, it indicates the current branch is 'master'. Below this, a commit by 'Andrew Truett' is shown, with the message 'Revert "Fix typo"' and a link to the commit hash 'c8f596e' dated '21 Oct 2019'. A 'History' link is also present. A section for contributors shows '1 contributor'. The file itself is 22 lines (15 sloc) and 1.44 KB. The content of the file is titled 'Contribution Guidelines' and includes a welcome message for hackers, instructions on how to contribute (forking, creating a branch, adding code, and submitting a pull request), and a list of resources.

master FunnyAlgorithms / CONTRIBUTING.md Go to file

Andrew Truett Revert "Fix typo" Latest commit c8f596e on 21 Oct 2019 History

1 contributor

22 lines (15 sloc) | 1.44 KB

Contribution Guidelines

Welcome hackers it is really **awesome** have you here! Before start contributing with this project make sure you read our [Code Of Conduct](#), it is really important to make this inclusive and open to everyone

Do you have some funny algorithm and want to share with the world?

Add in this repository so others can find it too and have funny moments reading code, but make sure that your code does not violate our code of conduct, to add you code follow these steps!

Submitting a pull request


1. Fork and clone the repository
2. Create a new branch: `git checkout -b my-branch-name`
3. Add your code in a folder with the section that your algorithm belongs, like if you are uploading a funny sort algorithm add your algorithm inside the "sort" folder
4. Add commentaries in your code to explain what exactly it does, why it is funny and you can comment some things like about the complexity of the code.
5. Push to your fork and [submit a pull request](#)
6. Pat your self on the back and wait for your pull request to be reviewed and merged.

Resources

- [How to Contribute to Open Source](#)



"Baixando" o repositório para sua máquina

A terminal window with a black background and three colored window control buttons (red, yellow, green) in the top-left corner. The text is displayed in a green monospace font.

```
LAMBERTO:~ OtacilioN$ git clone https://github.com/ReciHub/FunnyAlgorithms
```



"Baixando" o repositório para sua máquina

```
LAMBERTO:~ OtacilioN$ git clone https://github.com/ReciHub/FunnyAlgorithms
Cloning into 'FunnyAlgorithms'...
remote: Enumerating objects: 66, done.
remote: Counting objects: 100% (66/66), done.
remote: Compressing objects: 100% (48/48), done.
remote: Total 187 (delta 21), reused 48 (delta 13), pack-reused 121
Receiving objects: 100% (187/187), 37.00 KiB | 28.00 KiB/s, done.
Resolving deltas: 100% (61/61), done.
LAMBERTO:~ OtacilioN$
```



"Baixando" o repositório para sua máquina

```
LAMBERTO:~ OtacilioN$ git clone https://github.com/ReciHub/FunnyAlgorithms
Cloning into 'FunnyAlgorithms'...
remote: Enumerating objects: 66, done.
remote: Counting objects: 100% (66/66), done.
remote: Compressing objects: 100% (48/48), done.
remote: Total 187 (delta 21), reused 48 (delta 13), pack-reused 121
Receiving objects: 100% (187/187), 37.00 KiB | 28.00 KiB/s, done.
Resolving deltas: 100% (61/61), done.
LAMBERTO:~ OtacilioN$ cd FunnyAlgorithms/
LAMBERTO:FunnyAlgorithms OtacilioN$
```



Verificando seu branch atual

```
LAMBERT0:FunnyAlgorithms OtacilioN$ git branch
* master
LAMBERT0:FunnyAlgorithms OtacilioN$
```



Mudando seu branch atual

```
LAMBERTO:FunnyAlgorithms OtacilioN$ git branch
* master
LAMBERTO:FunnyAlgorithms OtacilioN$ git checkout -b "adicionando-exemplo.txt"
Switched to a new branch 'adicionando-exemplo.txt'
LAMBERTO:FunnyAlgorithms OtacilioN$
```

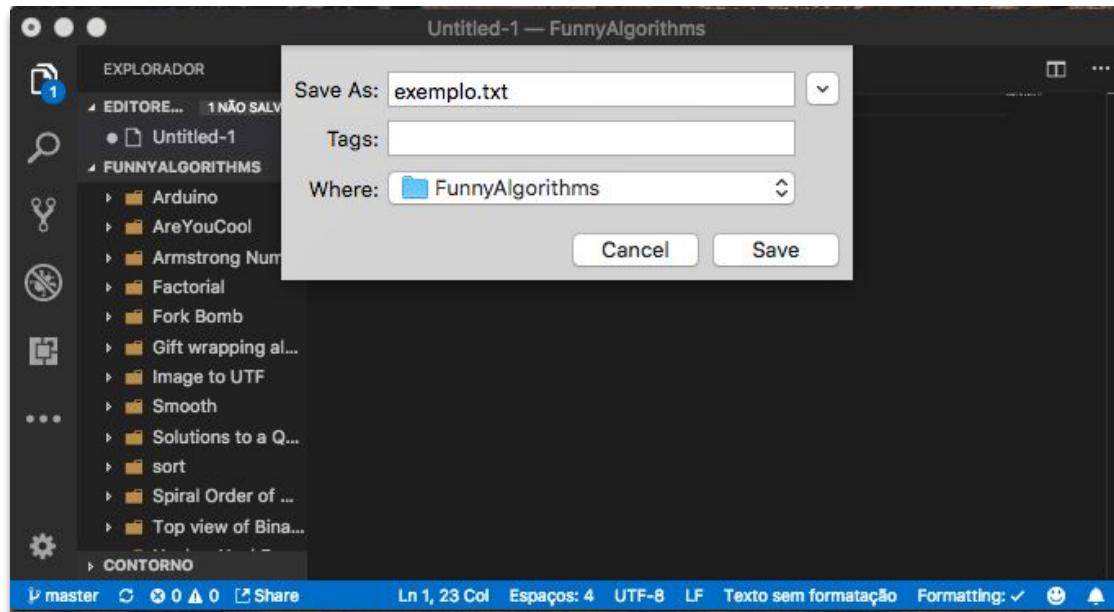


Mudando seu branch atual

```
LAMBERTO:FunnyAlgorithms OtacilioN$ git branch
* master
LAMBERTO:FunnyAlgorithms OtacilioN$ git checkout -b "adicionando-exemplo.txt"
Switched to a new branch 'adicionando-exemplo.txt'
LAMBERTO:FunnyAlgorithms OtacilioN$ git branch
* adicionando-exemplo.txt
  master
LAMBERTO:FunnyAlgorithms OtacilioN$
```



Criando ou Editando arquivo



Verificando mudanças

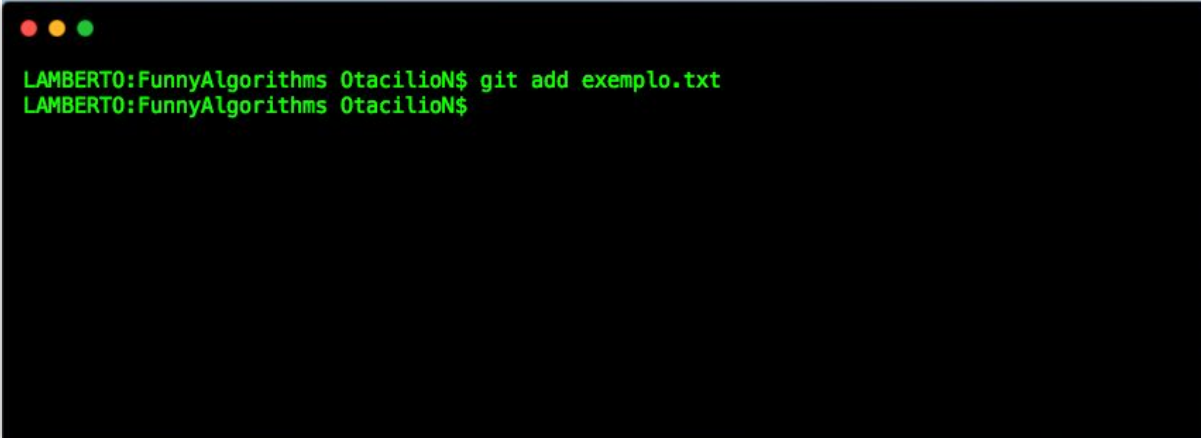
```
LAMBERTO:FunnyAlgorithms OtacilioN$ git status
On branch adicionando-exemplo.txt
Untracked files:
  (use "git add <file>..." to include in what will be committed)

    exemplo.txt

nothing added to commit but untracked files present (use "git add" to track)
LAMBERTO:FunnyAlgorithms OtacilioN$
```



Adicionando mudanças à zona de staging

A terminal window with a black background and green text. It shows the command 'git add exemplo.txt' being executed. The prompt is 'LAMBERTO:FunnyAlgorithms OtacilioN\$'.

```
LAMBERTO:FunnyAlgorithms OtacilioN$ git add exemplo.txt  
LAMBERTO:FunnyAlgorithms OtacilioN$
```



Verificando as mudanças na zona de staging

```
LAMBERT0:FunnyAlgorithms OtacilioN$ git add exemplo.txt
LAMBERT0:FunnyAlgorithms OtacilioN$ git status
On branch adicionando-exemplo.txt
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   exemplo.txt

LAMBERT0:FunnyAlgorithms OtacilioN$
```

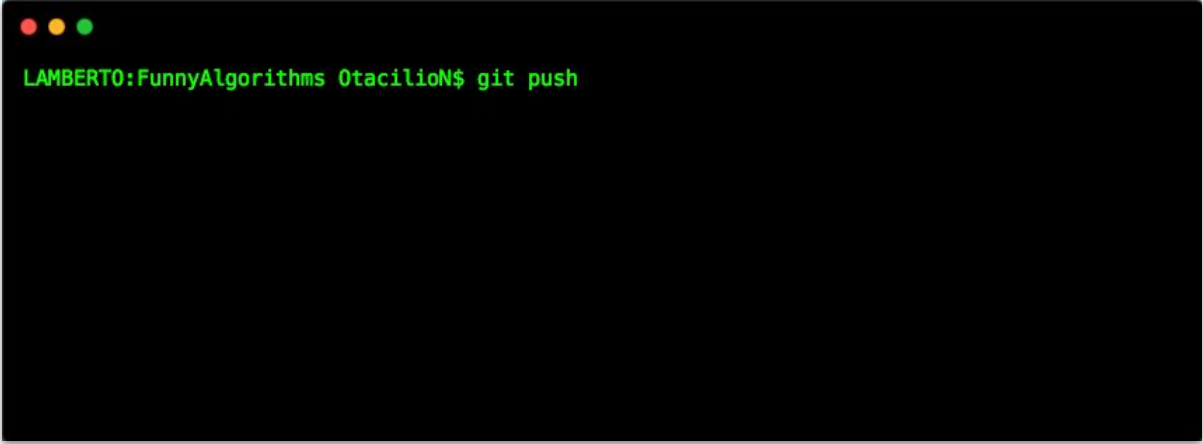


Comittando as mudanças

```
LAMBERTO:FunnyAlgorithms OtacilioN$ git commit -m "adicionei o arquivo exemplo.txt"
[adicionando-exemplo.txt 656ca0e] adicionei o arquivo exemplo.txt
 1 file changed, 1 insertion(+)
 create mode 100644 exemplo.txt
LAMBERTO:FunnyAlgorithms OtacilioN$
```



Enviando as mudanças para o remote(**GitHub**)

A terminal window with a black background and three colored window control buttons (red, yellow, green) in the top-left corner. The text 'LAMBERT0:FunnyAlgorithms OtacilioN\$ git push' is displayed in a green monospace font.

```
LAMBERT0:FunnyAlgorithms OtacilioN$ git push
```



Enviando as mudanças para o remote(**GitHub**)

```
LAMBERTO:FunnyAlgorithms OtacilioN$ git push
fatal: The current branch adicionando-exemplo.txt has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin adicionando-exemplo.txt

LAMBERTO:FunnyAlgorithms OtacilioN$
```



Enviando as mudanças para o remote(**GitHub**)

```
LAMBERTO:FunnyAlgorithms OtacilioN$ git push --set-upstream origin adicionando-exemplo.txt
Counting objects: 3, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 317 bytes | 317.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'adicionando-exemplo.txt' on GitHub by visiting:
remote:   https://github.com/ReciHub/FunnyAlgorithms/pull/new/adicionando-exemplo.txt
remote:
To https://github.com/ReciHub/FunnyAlgorithms
 * [new branch]      adicionando-exemplo.txt -> adicionando-exemplo.txt
Branch 'adicionando-exemplo.txt' set up to track remote branch 'adicionando-exemplo.txt' fr
om 'origin'.
LAMBERTO:FunnyAlgorithms OtacilioN$
```



Verificando no GitHub

RecicHub / FunnyAlgorithms

Unwatch 6 Star 6 Fork 23

Code Issues 1 Pull requests 0 Projects 0 Wiki Insights Settings

A repository with a bunch of funny algorithms, beginners friendly

hacktoberfest hacktoberfest2018 funny-experiments algorithms first-timers first-timers-friendly Manage topics

51 commits 4 branches 0 releases 14 contributors

Your recently pushed branches:

adicionando-exemplo.txt (2 minutes ago) Compare & pull request

Branch: master New pull request

Create new file Upload files Find file Clone or download

Switch branches/tags

Find or create a branch...

Branches Tags

Contributing

add-readme

adicionando-exemplo.txt

✓ master

Image to UTF

Smooth

Solutions to a Quadratic Equation

Spiral Order of Matrix

algorithm in java #16	Latest commit cce5a38 5 hours ago
Smooth Algorithm	2 days ago
YEEEEAH	23 hours ago
Armstrong cpp	5 hours ago
added program to find factorial in c.	5 hours ago
fork bomb comments	2 days ago
gift wrapping algorithm for 2D in java	7 hours ago
Added the Image to UTF algorithm for Java	5 hours ago
Add documentation on Smooth Arduino file	a day ago
java solution added	8 hours ago
Added spiral order traversal of a matrix	10 hours ago



Criando um Pull Request

The screenshot shows the GitHub repository page for RecicHub / FunnyAlgorithms. The repository description is "A repository with a bunch of funny algorithms, beginners friendly". The repository has 51 commits, 4 branches, 0 releases, and 14 contributors. The "Your recently pushed branches" section shows a branch named "adicionando-exemplo.txt" (2 minutes ago). A red box highlights the "Compare & pull request" button. Below this, the "Switch branches/tags" dropdown is open, showing a list of branches and tags. The "master" branch is selected. The "Compare & pull request" button is highlighted with a red box.

RecicHub / FunnyAlgorithms

Unwatch 6 Star 6 Fork 23

Code Issues 1 Pull requests 0 Projects 0 Wiki Insights Settings

A repository with a bunch of funny algorithms, beginners friendly

hacktoberfest hacktoberfest2018 funny-experiments algorithms first-timers first-timers-friendly Manage topics

51 commits 4 branches 0 releases 14 contributors

Your recently pushed branches:

adicionando-exemplo.txt (2 minutes ago)

Compare & pull request

Branch: master New pull request

Create new file Upload files Find file Clone or download

Switch branches/tags

Find or create a branch...

Branches Tags

Contributing

add-readme

adicionando-exemplo.txt

✓ master

Image to UTF

Smooth

Solutions to a Quadratic Equation

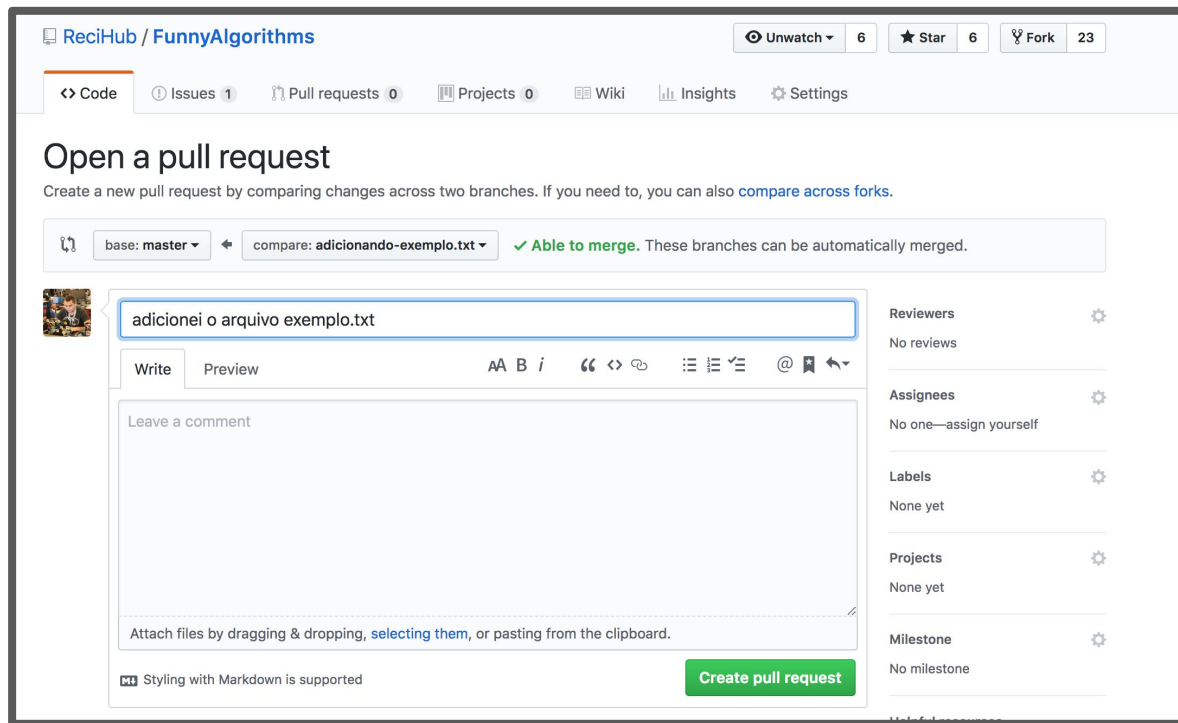
Spiral Order of Matrix

algorithm in java #16 Latest commit cce5a38 5 hours ago

Smooth Algorithm	2 days ago
YEEEEAH	23 hours ago
Armstrong cpp	5 hours ago
added program to find factorial in c.	5 hours ago
fork bomb comments	2 days ago
gift wrapping algorithm for 2D in java	7 hours ago
Added the Image to UTF algorithm for Java	5 hours ago
Add documentation on Smooth Arduino file	a day ago
java solution added	8 hours ago
Added spiral order traversal of a matrix	10 hours ago



Criando um Pull Request



Eventos no GitHub

Participe de eventos globais.



24 Pull Requests



Hacktoberfest



GitHub Field Day

e muito mais...



Comunidades no **GitHub**

Encontre comunidades e organizações e trabalhe com elas por um mundo melhor!



freeCodeCamp(🔥)



E muitas outras...



GitHub Education

Programas de liderança em tecnologia no seu **Campus**



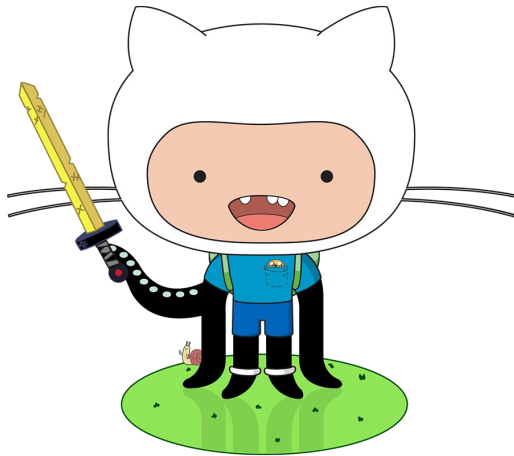
And much more...





Tenha um página web
gratuita no GitHub





Valeu!



@OtacilioN



/otacilio



otaciliomaia.com



