

利用Github Page 搭建个人博客网站

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http://blog.csdn.net/tzs_1041218129/article/details/53214497

http://www.54tianzhisheng.cn/Blog/html/blog_github.html (阅读效果最好)

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前言

最近这几天，没事干，想找点事折腾下，于是自己便想到了自己一直想干的一件事：搭建一个属于自己的博客网站。目前搭建个人 `blog` 网站最好的是用 `wordpress`，但是那个折腾起来好像还挺麻烦的，再加上还需要自己修改些前端代码和用 `PHP` 做（虽然我学了几天拍黄片，但是早已忘了），然后就是用 `Github Page` 吧，自己也一直在这个最大的交友网站装 X。想想就用这个吧（后来好像觉得这个还挺省事的）

再说说拥有个人博客网站的好处吧：

- 装 X（如果网站够炫）
- 很好的用来总结自己所学的知识
- 面试加分（在简历上放上自己的个人网站链接，面试官就可以更好的了解你，知道你所学知识的深度和广度）
- 不再受其他博客平台的规则所束缚

如果你现在还没有自己个人博客网站的话，那么我觉得你看完本篇博客后，强烈的建议你去折腾折腾下，搞个自己的，让自己也能够体验装 X 的感觉。

要想用搭建一个个人博客网站，首先你得有一个域名，这样别人才可以通过域名访问，其次你还要一个空间来存放你的页面。

- 域名 域名的话，你可以在万网、阿里云、腾讯云等注册，我的域名 www.54tianzhisheng.cn 就是在腾讯云注册的，记得是腾讯云一元钱（一个域名+主机）搞的，这是腾讯云对学生才有这优惠。`.cn` 的域名需要备案，备案的审核速度我觉得还是挺快的，还需要上传证件。当然你也可以买其他的那些不需要备案的域名，省得麻烦事。

- 空间 空间有免费的空间，也有收费的空间。免费的当然就不够稳定了，收费的就很贵了，终究是很不爽，没有什么地方是既免费又稳定的空间呢？有，**Github**。它允许上传个人网站项目并自定义你的域名，而且又有稳定的服务，实在是不能够在好了。

下面就一起跟着我来一步一步的利用 **Github** 搭建个人博客网站吧！

1. 拥有一个域名

这个步骤我就不详述了。

举例：

- 打开腾讯云官网
- 搜索你想要的域名，下单买一个

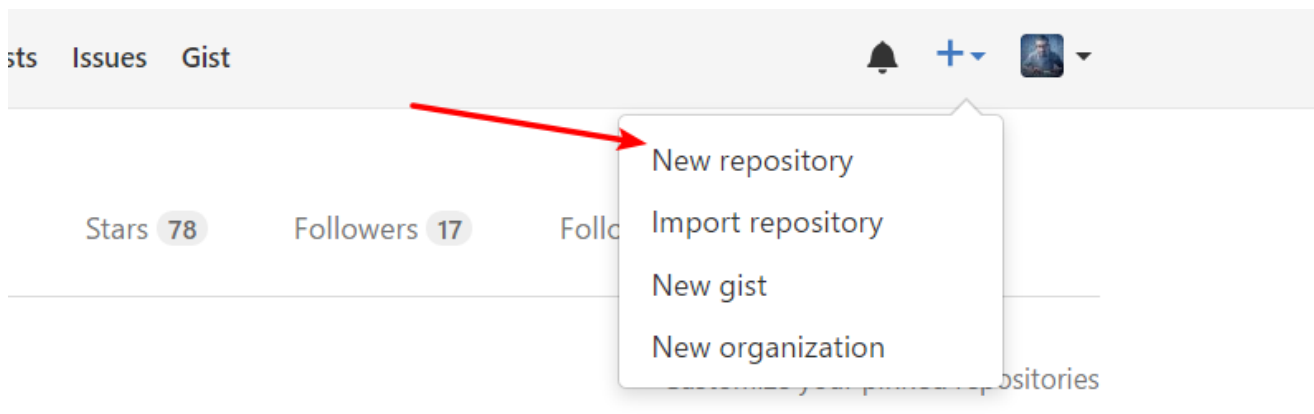
2. 拥有一个 **Github** 账号

互联网崇尚自由与分享。**Github** 是一个全世界程序员聚集的地方，大家相互分享自己写的代码，提升别人，也提升自己。大家都在为着开源社区努力着。因为我从开源项目中学到很多知识，所以我也非常愿意分享我的所见所得，我的 **Github** 主页：<https://github.com/zhisheng17>（欢迎 follow 和对我的项目给个 star 或者 fork 我的项目一起来和我完善项目）

如果还没有 **Github** 账号的话你就先去注册一个吧，有的话，直接登录就行，后面的操作都要用到 **Github** 的。

3. **Github** 上新建个人网站项目

登录 **GitHub** 之后，在页面右上角点击 + 加号按钮，点击 **New repository**。




由于我们是新建一个个人网站项目，所有仓库的名称需要安装 **GitHub** 个人网站项目的规定来写。




规则就是：

`YOUR-GITHUB-USERNAME.github.io`

比如我的 **GitHub** 用户名是 `zhisheng17`，那我就要填写 `zhisheng17.github.io`。然后选择公开模式，接着点击创建仓库按钮。

 Search GitHub


[Pull requests](#) [Issues](#) [Gist](#)


Create a new repository

A repository contains all the files for your project, including the revision history.

Owner

 zhisheng17


Repository name


zhisheng17.github.io 

Great repository names are short and memorable. Need inspiration? How about **miniature-garbanzo**.

Description (optional)


my blog website

☒  **Public**
Anyone can see this repository. You choose who can commit.

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



☐ **Initialize this repository with a README**
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: **None**




Add a license: **None** 

Create repository




创建成功之后，进入了项目主页面。点击设置按钮。

 <  This repository Search

[Pull requests](#) [Issues](#) [Gist](#)

 +  

zhisheng17 / zhisheng17.github.io

 Unwatch 1  Star 0  Fork 0

[Code](#) [Issues 0](#) [Pull requests 0](#) [Projects 0](#) [Wiki](#) [Pulse](#) [Graphs](#) [Settings](#)

Options
[Collaborators](#)
[Webhooks](#)
[Integrations & services](#)
[Deploy keys](#)

Settings

Repository name
zhisheng17.github.io [Rename](#)

Features

☒ **Wikis**
GitHub Wikis is a simple way to let others contribute content. Any GitHub user can create and edit pages to use for documentation, examples, support, or anything you wish.

☒ **Restrict editing to collaborators only**
Public wikis will still be readable by everyone.

☒ **Issues**
GitHub Issues adds lightweight issue tracking tightly integrated with your repository. Add issues to milestones, label issues, and close & reference issues from commit messages.

进入之后，滚动页面到下方。点击页面自动生成器按钮。

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Source

GitHub Pages is currently disabled. You must first add content to your repository before you can publish a GitHub Pages site. [Learn more.](#)

None ▾

Save

User pages must be built from the `master` branch.

Automatic page generator

Create a beautiful site for your project with our automatic [GitHub Pages](#) generator. Author your content in our Markdown editor, select a theme, then publish.

Launch automatic page generator

Custom and Jekyll-based sites

To publish a page manually, push an HTML or [Jekyll](#) site to the `master` branch. Read the [Pages help article](#) for more information.

Danger Zone

点击右下方继续去布局按钮。

Page name

Zhisheng17.GitHub.io

Tagline

my blog website

Body

h1

h2

h3

🔗

🖼️

B

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<>

☰

☷

“ ”

HR

🔍

Markdown supported

Block Elements

Span Elements

Miscellaneous

Paragraphs & Breaks

Headers

Blockquotes

Lists

To create a paragraph, simply create a block of text that is not separated by one or more blank lines. Blocks of text separated by one or more blank lines will be parsed as paragraphs.

If you want to create a line break, end a line with two or more spaces, then hit Return/Enter.

Welcome to GitHub Pages.

This automatic page generator is the easiest way to create beautiful pages for all of your projects. Author your page content here [using GitHub Flavored Markdown](https://guides.github.com/features/mastering-markdown/), select a template crafted by a designer, and publish. After your page is generated, you can check out the new `gh-pages` branch locally. If you're using GitHub Desktop, simply sync your repository and you'll see the new branch.

Designer Templates

We've crafted some handsome templates for you to use. Go ahead and click 'Continue to layouts' to browse through them. You can easily go back to edit your page before publishing. After publishing your page, you can revisit the page generator and switch to another theme. Your Page content will be preserved.

Creating pages manually

If you prefer to not use the automatic generator, push a branch named `gh-pages` to your repository to create a page manually. In addition to supporting regular HTML content, GitHub Pages support Jekyll, a simple, blog aware static site generator. Jekyll makes it easy to create site-wide headers and footers without having to copy them across every page. It also offers intelligent blog support and other advanced

Cancel

Continue to layouts

选择一个模板， 点击发布页面按钮。

MODERNIST
A Theme for Code
Killing (Pseudo) World
Designed with a modern touch.

hack

Midnight
A lot of the GitHub pages
themes are designed with
a modern touch.

Architect

Tactile
It just feels right.

Dinky
A red hot theme

Hide thumbnails

Edit

Publish page

./ Zhisheng17.Github.io
my blog website

View on GitHub

Welcome to GitHub Pages.

This automatic page generator is the easiest way to create beautiful pages for all of your projects. Author your page content here [using GitHub Flavored Markdown](#), select a template crafted by a designer, and publish. After your page is generated, you can check out the

This repository Search Pull requests Issues Gist

Your user page has been created at <http://zhisheng17.github.io/>. Read more at <https://help.github.com/pages>.

zhisheng17 / zhisheng17.github.io

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

my blog website — Edit

1 commit 1 branch 0 releases 1 contributor

Branch: master New pull request

Create new file Upload files Find file Clone or download

zhisheng17 committed on GitHub Replace master branch with page content via GitHub Latest commit 213fccd just now

images	Replace master branch with page content via GitHub	just now
javascripts	Replace master branch with page content via GitHub	just now
stylesheets	Replace master branch with page content via GitHub	just now
index.html	Replace master branch with page content via GitHub	just now
params.json	Replace master branch with page content via GitHub	just now

Help people interested in this repository understand your project by adding a README.

Add a README

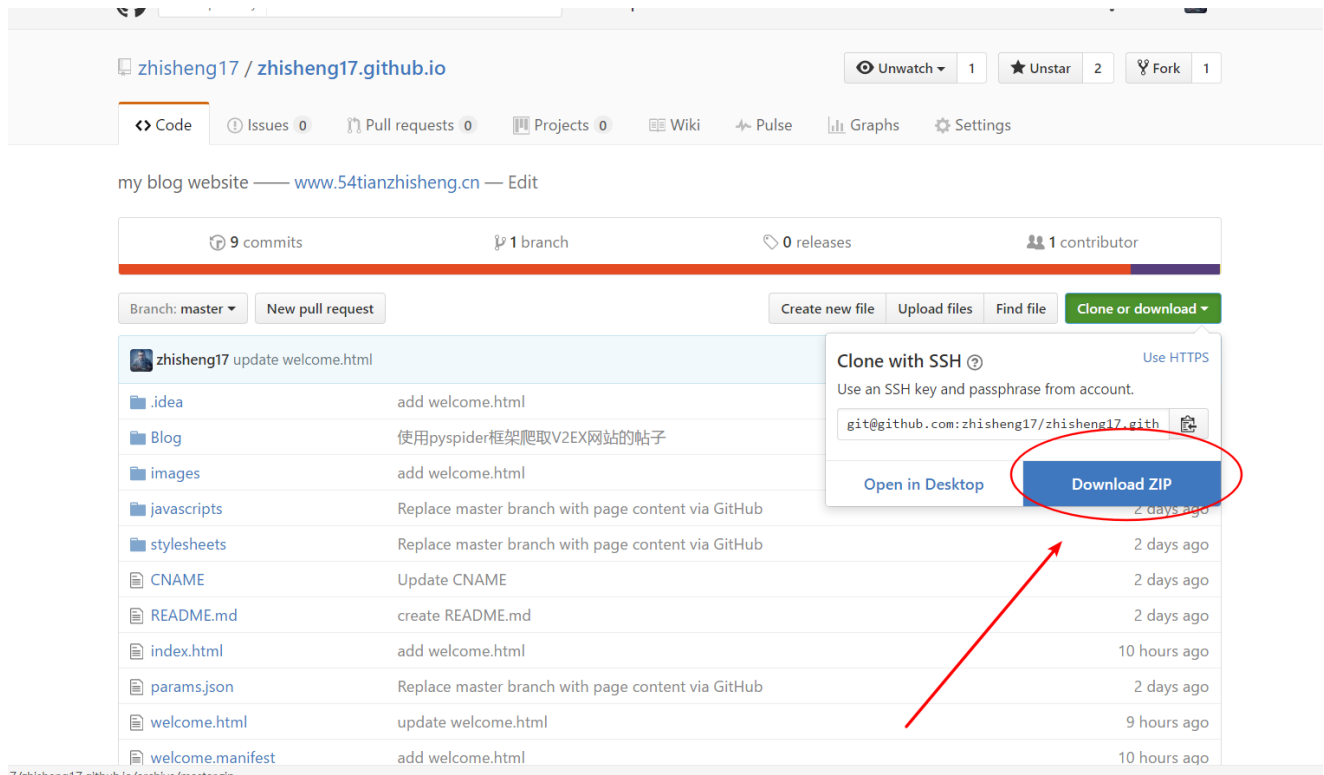
这个时候，你可以通过YOUR-GITHUB-USERNAME.github.io来访问此页面了。

4. 上传个人网页到 Github

自动生成页面，肯定不符合我们的要求，我们希望能够自己设计自己的个人网站。我们可以自己编写一个网页文件，命名为 **index.html**。然后上传到 **GitHub** 个人网站项目上。这里为了节约时间，可以先下载我的个人网站项目代码，然后修改为你的网页上传到 **GitHub**。

下面介绍详细步骤。

进入此项目 <https://github.com/zhisheng17/zhisheng17.github.io>，然后下载源码。解压之后，拿到里面的 **index.html** 文件。



然后进入自己的个人网站项目主页 **YOUR-GITHUB-USERNAME/YOUR-GITHUB-USERNAME.github.io**。点击上传文件按钮，进入上传文件页面，将 **index.html** 文件拖入蓝色大圈圈区域，点击提交按钮即可提交成功。此时打开网址 **YOUR-GITHUB-USERNAME.github.io** 就可以看到主页已经改变为我们自己的网页了。

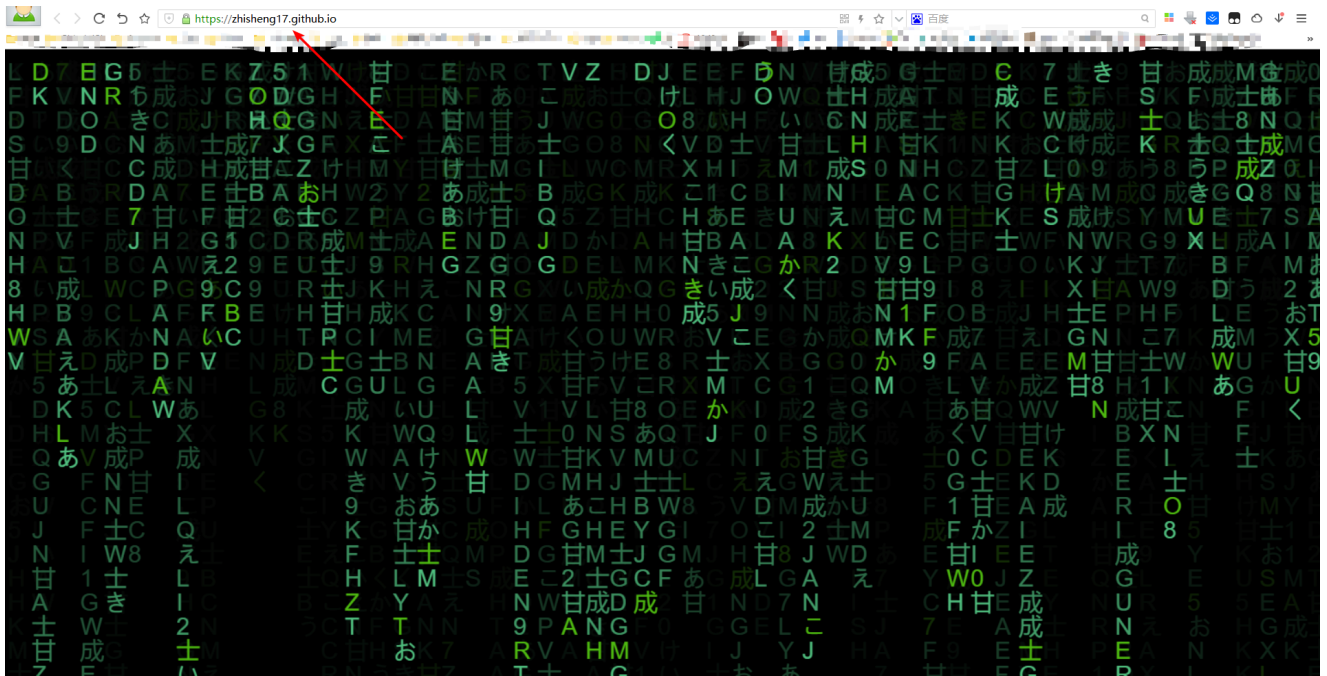
GitHub repository page for `zhisheng17 / zhisheng17.github.io`. The page shows a recent commit by `zhisheng17` titled "Replace master branch with page content via GitHub" with a commit hash of `213fccd` and a timestamp of "3 minutes ago". The commit details table lists the following files:

File	Commit Message	Time
<code>images</code>	Replace master branch with page content via GitHub	3 minutes ago
<code>javascripts</code>	Replace master branch with page content via GitHub	3 minutes ago
<code>stylesheets</code>	Replace master branch with page content via GitHub	3 minutes ago
<code>index.html</code>	Replace master branch with page content via GitHub	3 minutes ago
<code>params.json</code>	Replace master branch with page content via GitHub	3 minutes ago

The `Upload files` button is circled in red. Below the commit details, there is a green button labeled "Add a README".

GitHub interface for uploading files and committing changes. The main area displays the instruction: "Drag additional files here to add them to your repository" with the subtext "Or choose your files". A red arrow labeled **1** points to the "Or choose your files" link. Below this, a file named `index.html` is shown. The "Commit changes" dialog box is open, showing the commit message "add index.html" (labeled **2**) and the option to "Commit directly to the master branch" (labeled **3**). The "Commit changes" button is highlighted in green.

通过 `zhisheng17.github.io` 查看效果:



5. 域名CNAME到个人网站项目

网页上传成功了，我们不想一直通过YOUR-GITHUB-USERNAME.github.io来访问我们的个人网站，而是希望通过自己的域名来访问。

下面讲述详细步骤。

点击我们的个人网站项目设置选项卡，滚动到下面，就会发现一个自定义域名卡片。输入我们买的域名，然后点击保存。

GitHub Pages

Your site is ready to be published at <http://www.54tianzhisheng.cn/>.

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Source

Your GitHub Pages site is currently being built from the `master` branch. [Learn more.](#)

master branch ▾

Save

User pages must be built from the `master` branch.

Custom domain

Custom domains allow you to serve your site from a domain other than `zhisheng17.github.io`. [Learn more.](#)

[www.54tianzhisheng.cn](#)

Save

Update site

Easily change your content or theme with the page generator.

Launch automatic page generator

Custom and Jekyll-based sites

To publish a page manually, push an HTML or Jekyll site to the `master` branch. Read the [Pages help article](#) for more information.

GitHub

This repository

Search

Pull requests

Issues

Gist

🔔

+

👤

Custom domain

[www.54tianzhisheng.cn](#)

saved.

×

zhisheng17 / zhisheng17.github.io

👁 Unwatch ▾

1

★ Star

0

🍴 Fork

0

<> Code

🕒 Issues 0

🔗 Pull requests 0

📁 Projects 0

📖 Wiki

📈 Pulse

📊 Graphs

⚙ Settings

Options

Collaborators

Branches

Webhooks

Integrations & services

Deploy keys

Settings

Repository name

zhisheng17.github.io

Rename

Features

☒ Wikis

GitHub Wikis is a simple way to let others contribute content. Any GitHub user can create and edit pages to use for documentation, examples, support, or anything you wish.

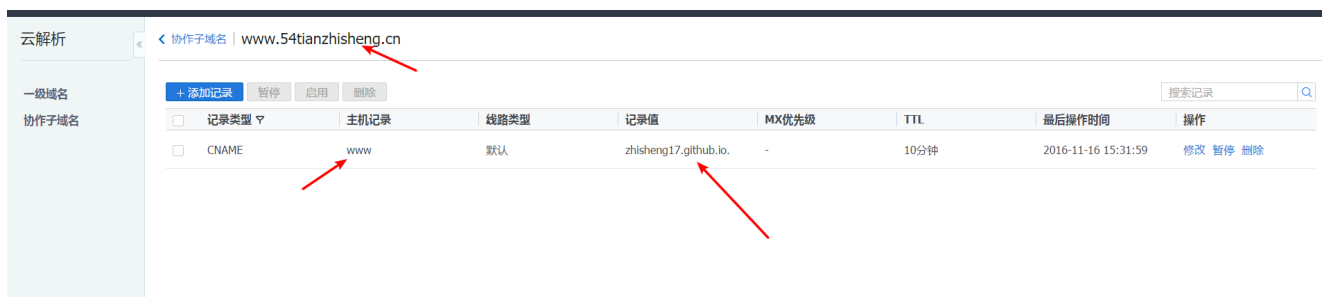
☒ Restrict editing to collaborators only

Public wikis will still be readable by everyone.

接着我们还要将我们的域名解析到这个个人网站项目上。因为我的域名是在腾讯云上面买的，所以我打开腾讯云域名管理页面，进行相关的设置。



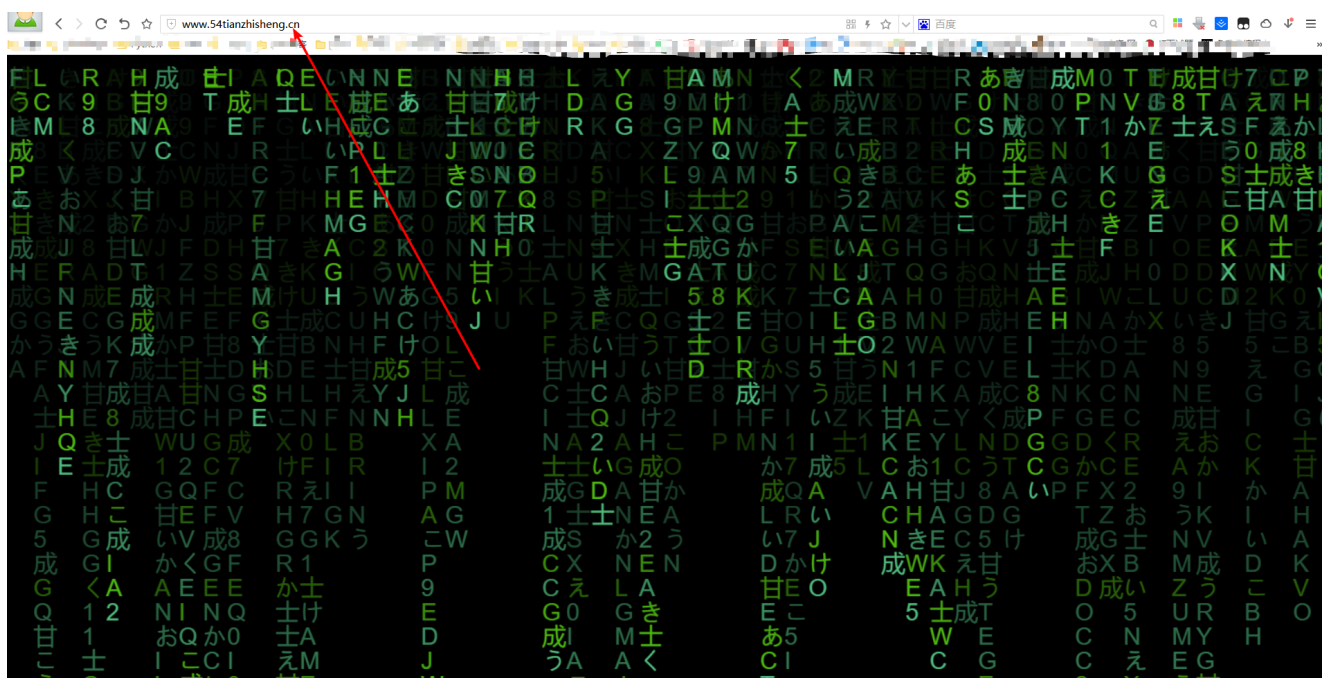
接着，点击添加一条域名解析记录，主机填写www，代表你是一级域名来访问，指向填写YOUR-GITHUB-USERNAME.github.io，然后点击保存按钮。应该要等会，域名的解析时间可能不一样，我的腾讯云就是很慢的



6. 访问你的域名

所有这些步骤做完之后，在浏览器里输入自己的域名，回车键一按，就会返回我们刚刚上传到 GitHub 的index.html 页面了。

这里只是入门了 GitHub 搭建个人网站的功能，GitHub 官方推荐 Jekyll 博客系统来发布自己的页面。以后有数据更新，都可以通过 Jekyll 来重新编译整个网站。（期待后续我的使用 Jekyll 博客系统发布自己博客的文章吧）



7. 注意事项

尽管GitHub个人网站项目是免费的，但是却有一些限制。总体来说，完全够用，甚至太多了。

- 单个仓库大小不超过1GB，上传单个文件大小不能超过100MB，如果通过浏览器上传不能超过25MB
- 个人网站项目也不例外，最大空间1GB
- 个人网站项目每个月访问请求数不能超过10万次，总流量不能超过100GB
- 个人网站项目一小时创建数量不能超过10个

当然了，这些政策可能随时改变，可以通过此网页查看最新政策。 <https://help.github.com/articles/what-is-github-pages/#recommended-limits>