

NQBH's GitHub Page

Nguyễn Quân Bá Hồng*

Ngày 21 tháng 4 năm 2022

Abstract

Contents

1	Build NQBH's GitHub Page	1
1.1	Getting Started	1
1.2	Previewing Website	2
2	NQBH.github.io	14

1 Build NQBH's GitHub Page

Question 1.1. *What should I name my personal page/website?*

Answer. For authenticity¹ reason, I should use my real name instead of some nickname, which sounds cool now but will turn into bullshit later in the long run, also non-unique. My ear will reject any kind of nickname like that – too childish. Use my real name then. 1st of all, the option NGUYENQUANBAHONG, although unique (Who the hell has the same name like me?), seems too long which even makes me feel lazy to type every time I want to enter my website. NQBH seems a good compromise between brevity & uniqueness. I do not think there are a lot of people whose their names share this abbreviation with me. Thus, I choose NQBH for the main part of my website name.

Then what about the extension? The commons are .COM, .EDU, .VN, etc. *Which one should I choose?* Using method of elimination, I should not choose .EDU since I will post some “uneducated” contents, however, with some education purposes, which will not yield any contradiction at all. Posting some uneducated contents under a website with .EDU extension seems to contaminate² the prestigious label “edu” in various senses. How about .COM, .VN extensions? These seem too common & cost some money monthly/yearly, of course. Hence, I should use some free website builders/hosting with non-annoying extension. GITHUB's personal page seems a good choice for me. □

Next, I follow the following instruction: Rob Williams's [Building an Academic Website](#).

1.1 Getting Started

“2 of the most popular programs available for building static sites from Markdown files are [Jekyll](#) & [Hugo](#).” [...] “There are plenty of differences under the hood, but the most important one for building an academic website is that Hugo integrates nicely with the [blogdown](#) R package, letting you write your website entirely in R.” The `git fork` & `git clone` steps are straightforward.

*Independent Researcher, Ben Tre City, Vietnam
e-mail: nguyenquanbahong@gmail.com

¹**authenticity** [n] [uncountable] the quality of being genuine or true, or based on fact.

²**contaminate** [v] **1.** [usually passive] to make a substance or place dirty or no longer pure by adding a substance that is dangerous or carries disease; **2.** **contaminate something** to influence people's ideas or attitudes in a bad way.

1.2 Previewing Website

“To preview your website locally, you’ll need to install Jekyll on your computer. The easiest way to do this is with **Bundler**. Bundler is a package manager for Ruby, which is the programming language that Jekyll is written in. This means that we need a full Ruby development environment to get Jekyll working to run our website locally.”

To install Bundler, run:

```
hong@hong-Katana-GF76-11UC:~/1_NQBH/NQBH.github.io$ sudo gem install bundler
Fetching bundler-2.3.12.gem
Successfully installed bundler-2.3.12
Parsing documentation for bundler-2.3.12
Installing ri documentation for bundler-2.3.12
Done installing documentation for bundler after 0 seconds
1 gem installed
```

```
hong@hong-Katana-GF76-11UC:~/1_NQBH/NQBH.github.io$ sudo bundle install
Don't run Bundler as root. Bundler can ask for sudo if it is needed, and
installing your bundle as root will break this application for all non-root
users on this machine.
Fetching gem metadata from https://rubygems.org/.....
Resolving dependencies....
Using concurrent-ruby 1.1.10
Using minitest 5.15.0
Using faraday-httpclient 1.0.1
Using thread_safe 0.3.6
Using zeitwerk 2.5.4
Using faraday-net_http_persistent 1.2.0
Using faraday-patron 1.0.0
Using faraday-rack 1.0.0
Using faraday-retry 1.0.3
Using ruby2_keywords 0.0.5
Using forwardable-extended 2.6.0
Using coffee-script-source 1.11.1
Using rb-fsevent 0.11.1
Using faraday-em_http 1.0.0
Using liquid 4.0.3
Using mercenary 0.3.6
Using rouge 3.26.0
Using safe_yaml 1.0.5
Fetching racc 1.6.0
Using faraday-em_synchrony 1.0.0
Using public_suffix 4.0.7
Using rubyzip 2.3.2
Using jekyll-swiss 1.0.0
Using unicode-display_width 1.8.0
Fetching unf_ext 0.0.8.1
Fetching commonmarker 0.23.4
Using colorator 1.1.0
Using faraday-excon 1.1.0
Fetching http_parser.rb 0.8.0
Using gemoji 3.0.1
Fetching ffi 1.15.5
Using jekyll-paginate 1.1.0
Using bundler 2.3.12
Fetching eventmachine 1.2.7
Using multipart-post 2.1.1
Using execjs 2.8.1
Using i18n 0.9.5
Using coffee-script 2.4.1
Using tzinfo 1.2.9
```

```

Using jekyll-coffeescript 1.1.1
Using rexml 3.2.5
Using addressable 2.8.0
Using kramdown 2.3.2
Using faraday-multipart 1.0.3
Using kramdown-parser-gfm 1.1.0
Using faraday-net_http 1.0.1
Using activesupport 6.0.4.7
Using faraday 1.10.0
Using pathutil 0.16.2
Using terminal-table 1.8.0
Using sawyer 0.8.2
Using octokit 4.22.0
Using jekyll-gist 1.5.0
Installing racc 1.6.0 with native extensions
Installing commonmarker 0.23.4 with native extensions
Installing http_parser.rb 0.8.0 with native extensions
Installing eventmachine 1.2.7 with native extensions
Installing unf_ext 0.0.8.1 with native extensions
Installing ffi 1.15.5 with native extensions
Gem::Ext::BuildError: ERROR: Failed to build gem native extension.

```

```

current directory:
/var/lib/gems/2.7.0/gems/commonmarker-0.23.4/ext/commonmarker
/usr/bin/ruby2.7 -I /usr/lib/ruby/vendor_ruby -r
./siteconf20220421-57640-1cwfd0z.rb extconf.rb
mkmf.rb can't find header files for ruby at /usr/lib/ruby/include/ruby.h

```

You might have to install separate package for the ruby development environment, ruby-dev or ruby-devel for example.

extconf failed, exit code 1

```

Gem files will remain installed in /var/lib/gems/2.7.0/gems/commonmarker-0.23.4
for inspection.
Results logged to
/var/lib/gems/2.7.0/extensions/x86_64-linux/2.7.0/commonmarker-0.23.4/gem_make.out

```

```

/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:91:in 'run'
/usr/lib/ruby/vendor_ruby/rubygems/ext/ext_conf_builder.rb:48:in 'block in
build'
/usr/lib/ruby/2.7.0/tempfile.rb:291:in 'open'
/usr/lib/ruby/vendor_ruby/rubygems/ext/ext_conf_builder.rb:28:in 'build'
/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:157:in 'build_extension'
/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:191:in 'block in
build_extensions'
/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:188:in 'each'
/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:188:in 'build_extensions'
/usr/lib/ruby/vendor_ruby/rubygems/installer.rb:821:in 'build_extensions'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/rubygems_gem_installer.rb:71:in
'build_extensions'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/rubygems_gem_installer.rb:28:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/source/rubygems.rb:204:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/gem_installer.rb:54:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/gem_installer.rb:16:in
'install_from_spec'

```

```

/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/parallel_installer.rb:186:in
'do_install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/parallel_installer.rb:177:in
'block in worker_pool'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:62:in
'apply_func'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:57:in 'block in
process_queue'
  /var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:54:in 'loop'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:54:in
'process_queue'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:91:in 'block (2
levels) in create_threads'

```

An error occurred while installing commonmarker (0.23.4), and Bundler cannot continue.

In Gemfile:

```

github-pages was resolved to 226, which depends on
  jekyll-commonmark-ghpages was resolved to 0.2.0, which depends on
    jekyll-commonmark was resolved to 1.4.0, which depends on
      commonmarker

```

Gem::Ext::BuildError: ERROR: Failed to build gem native extension.

```

current directory: /var/lib/gems/2.7.0/gems/unf_ext-0.0.8.1/ext/unf_ext
/usr/bin/ruby2.7 -I /usr/lib/ruby/vendor_ruby -r
./siteconf20220421-57640-ehba7a.rb extconf.rb
mkmf.rb can't find header files for ruby at /usr/lib/ruby/include/ruby.h

```

You might have to install separate package for the ruby development environment, ruby-dev or ruby-devel for example.

extconf failed, exit code 1

Gem files will remain installed in /var/lib/gems/2.7.0/gems/unf_ext-0.0.8.1 for inspection.

Results logged to

/var/lib/gems/2.7.0/extensions/x86_64-linux/2.7.0/unf_ext-0.0.8.1/gem_make.out

```

/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:91:in 'run'
/usr/lib/ruby/vendor_ruby/rubygems/ext/ext_conf_builder.rb:48:in 'block in
build'
  /usr/lib/ruby/2.7.0/tempfile.rb:291:in 'open'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/ext_conf_builder.rb:28:in 'build'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:157:in 'build_extension'
/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:191:in 'block in
build_extensions'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:188:in 'each'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:188:in 'build_extensions'
  /usr/lib/ruby/vendor_ruby/rubygems/installer.rb:821:in 'build_extensions'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/rubygems_gem_installer.rb:71:in
'build_extensions'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/rubygems_gem_installer.rb:28:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/source/rubygems.rb:204:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/gem_installer.rb:54:in

```

```

'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/gem_installer.rb:16:in
'install_from_spec'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/parallel_installer.rb:186:in
'do_install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/parallel_installer.rb:177:in
'block in worker_pool'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:62:in
'apply_func'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:57:in 'block in
process_queue'
  /var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:54:in 'loop'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:54:in
'process_queue'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:91:in 'block (2
levels) in create_threads'

```

An error occurred while installing unf_ext (0.0.8.1), and Bundler cannot continue.

In Gemfile:

```

github-pages was resolved to 226, which depends on
  github-pages-health-check was resolved to 1.17.9, which depends on
    dnsruby was resolved to 1.61.9, which depends on
      simpleidn was resolved to 0.2.1, which depends on
        unf was resolved to 0.1.4, which depends on
          unf_ext

```

Gem::Ext::BuildError: ERROR: Failed to build gem native extension.

current directory:

```

/var/lib/gems/2.7.0/gems/http_parser.rb-0.8.0/ext/ruby_http_parser
/usr/bin/ruby2.7 -I /usr/lib/ruby/vendor_ruby -r
./siteconf20220421-57640-zl5ph2.rb extconf.rb
mkmf.rb can't find header files for ruby at /usr/lib/ruby/include/ruby.h

```

You might have to install separate package for the ruby development environment, ruby-dev or ruby-devel for example.

extconf failed, exit code 1

Gem files will remain installed in /var/lib/gems/2.7.0/gems/http_parser.rb-0.8.0 for inspection.

Results logged to

/var/lib/gems/2.7.0/extensions/x86_64-linux/2.7.0/http_parser.rb-0.8.0/gem_make.out

```

  /usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:91:in 'run'
/usr/lib/ruby/vendor_ruby/rubygems/ext/ext_conf_builder.rb:48:in 'block in
build'
  /usr/lib/ruby/2.7.0/tempfile.rb:291:in 'open'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/ext_conf_builder.rb:28:in 'build'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:157:in 'build_extension'
/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:191:in 'block in
build_extensions'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:188:in 'each'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:188:in 'build_extensions'
  /usr/lib/ruby/vendor_ruby/rubygems/installer.rb:821:in 'build_extensions'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/rubygems_gem_installer.rb:71:in

```

```

'build_extensions'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/rubygems_gem_installer.rb:28:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/source/rubygems.rb:204:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/gem_installer.rb:54:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/gem_installer.rb:16:in
'install_from_spec'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/parallel_installer.rb:186:in
'do_install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/parallel_installer.rb:177:in
'block in worker_pool'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:62:in
'apply_func'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:57:in 'block in
process_queue'
  /var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:54:in 'loop'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:54:in
'process_queue'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:91:in 'block (2
levels) in create_threads'

```

An error occurred while installing http_parser.rb (0.8.0), and Bundler cannot continue.

In Gemfile:

```

github-pages was resolved to 226, which depends on
  jekyll-avatar was resolved to 0.7.0, which depends on
    jekyll was resolved to 3.9.2, which depends on
      em-websocket was resolved to 0.5.3, which depends on
        http_parser.rb

```

Gem::Ext::BuildError: ERROR: Failed to build gem native extension.

```

current directory: /var/lib/gems/2.7.0/gems/racc-1.6.0/ext/racc/cparse
/usr/bin/ruby2.7 -I /usr/lib/ruby/vendor_ruby -r
./siteconf20220421-57640-rk4k26.rb extconf.rb
mkmf.rb can't find header files for ruby at /usr/lib/ruby/include/ruby.h

```

You might have to install separate package for the ruby development environment, ruby-dev or ruby-devel for example.

extconf failed, exit code 1

Gem files will remain installed in /var/lib/gems/2.7.0/gems/racc-1.6.0 for inspection.

Results logged to

/var/lib/gems/2.7.0/extensions/x86_64-linux/2.7.0/racc-1.6.0/gem_make.out

```

/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:91:in 'run'
/usr/lib/ruby/vendor_ruby/rubygems/ext/ext_conf_builder.rb:48:in 'block in
build'
  /usr/lib/ruby/2.7.0/tempfile.rb:291:in 'open'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/ext_conf_builder.rb:28:in 'build'
  /usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:157:in 'build_extension'
/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:191:in 'block in
build_extensions'

```

```

/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:188:in 'each'
/usr/lib/ruby/vendor_ruby/rubygems/ext/builder.rb:188:in 'build_extensions'
/usr/lib/ruby/vendor_ruby/rubygems/installer.rb:821:in 'build_extensions'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/rubygems_gem_installer.rb:71:in
'build_extensions'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/rubygems_gem_installer.rb:28:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/source/rubygems.rb:204:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/gem_installer.rb:54:in
'install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/gem_installer.rb:16:in
'install_from_spec'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/parallel_installer.rb:186:in
'do_install'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/installer/parallel_installer.rb:177:in
'block in worker_pool'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:62:in
'apply_func'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:57:in 'block in
process_queue'
  /var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:54:in 'loop'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:54:in
'process_queue'
/var/lib/gems/2.7.0/gems/bundler-2.3.12/lib/bundler/worker.rb:91:in 'block (2
levels) in create_threads'

```

An error occurred while installing racc (1.6.0), and Bundler cannot continue.

In Gemfile:

```

github-pages was resolved to 226, which depends on
  jekyll-mentions was resolved to 1.6.0, which depends on
    html-pipeline was resolved to 2.14.1, which depends on
      nokogiri was resolved to 1.13.4, which depends on
        racc

```

To fix this error, I followed the answer of the question [Stack Overflow/An error occurred while installing racc \(1.6.0\), and Bundler cannot continue:](#)

1. Update ruby to [the latest version 2.7.0p0](#) using:

```
sudo apt-get install ruby-full build-essential
```

2. Rerun `bundle install` (no need sudo).

Explicitly,

```

hong@hong-Katana-GF76-11UC:~/1_NQBH/NQBH.github.io$ sudo apt-get install ruby-full build-essential
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  ri ruby-dev ruby2.7-dev ruby2.7-doc
The following NEW packages will be installed:
  build-essential ri ruby-dev ruby-full ruby2.7-dev ruby2.7-doc
0 upgraded, 6 newly installed, 0 to remove and 0 not upgraded.
Need to get 2.421 kB of archives.
After this operation, 24,5 MB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://vn.archive.ubuntu.com/ubuntu impish/main amd64 build-essential amd64 12.9ubuntu2 [4.678 B]

```

```

Get:2 http://vn.archive.ubuntu.com/ubuntu impish-updates/main amd64 ruby2.7-doc all 2.7.4-1ubuntu3.1 [2.216 kB]
Get:3 http://vn.archive.ubuntu.com/ubuntu impish/universe amd64 ri all 1:2.7+2build1 [4.418 B]
Get:4 http://vn.archive.ubuntu.com/ubuntu impish-updates/main amd64 ruby2.7-dev amd64 2.7.4-1ubuntu3.1 [189 kB]
Get:5 http://vn.archive.ubuntu.com/ubuntu impish/main amd64 ruby-dev amd64 1:2.7+2build1 [4.524 B]
Get:6 http://vn.archive.ubuntu.com/ubuntu impish/universe amd64 ruby-full all 1:2.7+2build1 [2.586 B]
Fetched 2.421 kB in 1s (4.291 kB/s)
Selecting previously unselected package build-essential.
(Reading database ... 285417 files and directories currently installed.)
Preparing to unpack .../0-build-essential_12.9ubuntu2_amd64.deb ...
Unpacking build-essential (12.9ubuntu2) ...
Selecting previously unselected package ruby2.7-doc.
Preparing to unpack .../1-ruby2.7-doc_2.7.4-1ubuntu3.1_all.deb ...
Unpacking ruby2.7-doc (2.7.4-1ubuntu3.1) ...
Selecting previously unselected package ri.
Preparing to unpack .../2-ri_1%3a2.7+2build1_all.deb ...
Unpacking ri (1:2.7+2build1) ...
Selecting previously unselected package ruby2.7-dev:amd64.
Preparing to unpack .../3-ruby2.7-dev_2.7.4-1ubuntu3.1_amd64.deb ...
Unpacking ruby2.7-dev:amd64 (2.7.4-1ubuntu3.1) ...
Selecting previously unselected package ruby-dev:amd64.
Preparing to unpack .../4-ruby-dev_1%3a2.7+2build1_amd64.deb ...
Unpacking ruby-dev:amd64 (1:2.7+2build1) ...
Selecting previously unselected package ruby-full.
Preparing to unpack .../5-ruby-full_1%3a2.7+2build1_all.deb ...
Unpacking ruby-full (1:2.7+2build1) ...
Setting up ruby2.7-doc (2.7.4-1ubuntu3.1) ...
Setting up ruby2.7-dev:amd64 (2.7.4-1ubuntu3.1) ...
Setting up build-essential (12.9ubuntu2) ...
Setting up ruby-dev:amd64 (1:2.7+2build1) ...
Setting up ri (1:2.7+2build1) ...
Setting up ruby-full (1:2.7+2build1) ...

```

then rerun bundle install:

```

hong@hong-Katana-GF76-11UC:~/1_NQBH/NQBH.github.io$ bundle install
Fetching gem metadata from https://rubygems.org/.....
Resolving dependencies....
Using concurrent-ruby 1.1.10
Using faraday-em_http 1.0.0
Using thread_safe 0.3.6
Using zeitwerk 2.5.4
Using public_suffix 4.0.7
Using bundler 2.3.12
Using faraday-excon 1.1.0
Using coffee-script-source 1.11.1
Using colorator 1.1.0
Using faraday-em_synchrony 1.0.0
Using minitest 5.15.0
Using execjs 2.8.1
Following files may not be writable, so sudo is needed:
  /usr/local/bin
  /var/lib/gems/2.7.0
  /var/lib/gems/2.7.0/build_info
  /var/lib/gems/2.7.0/cache
  /var/lib/gems/2.7.0/doc
  /var/lib/gems/2.7.0/extensions
  /var/lib/gems/2.7.0/gems
  /var/lib/gems/2.7.0/plugins
  /var/lib/gems/2.7.0/specifications
Using multipart-post 2.1.1

```



```
Using faraday-rack 1.0.0
Using faraday-retry 1.0.3
Using rb-fsevent 0.11.1
Using mercenary 0.3.6
Using rouge 3.26.0
Using forwardable-extended 2.6.0
Using gemoji 3.0.1
Using faraday-net_http_persistent 1.2.0
Using rubyzip 2.3.2
Using unicode-display_width 1.8.0
Using faraday-httpclient 1.0.1
Using rexml 3.2.5
Using safe_yaml 1.0.5
Fetching unf_ext 0.0.8.1
Fetching eventmachine 1.2.7
Fetching commonmarker 0.23.4
Using faraday-patron 1.0.0
Using jekyll-swiss 1.0.0
Using liquid 4.0.3
Using pathutil 0.16.2
Using i18n 0.9.5
Using tzinfo 1.2.9
Fetching ffi 1.15.5
Using activesupport 6.0.4.7
Using faraday-net_http 1.0.1
Using faraday-multipart 1.0.3
Using ruby2_keywords 0.0.5
Using jekyll-paginate 1.1.0
Using faraday 1.10.0
Fetching racc 1.6.0
Using terminal-table 1.8.0
Using addressable 2.8.0
Using kramdown 2.3.2
Using sawyer 0.8.2
Fetching http_parser.rb 0.8.0
Using octokit 4.22.0
Using coffee-script 2.4.1
Using kramdown-parser-gfm 1.1.0
Using jekyll-coffeescript 1.1.1
Using jekyll-gist 1.5.0
```

Your user account isn't allowed to install to the system RubyGems.

You can cancel this installation and run:

```
bundle config set --local path 'vendor/bundle'
bundle install
```

to install the gems into ./vendor/bundle/, or you can enter your password
and install the bundled gems to RubyGems using sudo.

Password:

```
Installing commonmarker 0.23.4 with native extensions
Installing racc 1.6.0 with native extensions
Installing http_parser.rb 0.8.0 with native extensions
Installing eventmachine 1.2.7 with native extensions
Installing unf_ext 0.0.8.1 with native extensions
Installing ffi 1.15.5 with native extensions
Fetching nokogiri 1.13.4 (x86_64-linux)
```

```
Fetching unf 0.1.4
Installing nokogiri 1.13.4 (x86_64-linux)
Fetching html-pipeline 2.14.1
Installing html-pipeline 2.14.1
Installing unf 0.1.4
Fetching simpleidn 0.2.1
Installing simpleidn 0.2.1
Fetching dnsruby 1.61.9
Installing dnsruby 1.61.9
Fetching jekyll-commonmark 1.4.0
Installing jekyll-commonmark 1.4.0
Fetching em-websocket 0.5.3
Installing em-websocket 0.5.3
Fetching ethon 0.15.0
Fetching rb-inotify 0.10.1
Installing rb-inotify 0.10.1
Installing ethon 0.15.0
Fetching sass-listen 4.0.0
Fetching listen 3.7.1
Fetching typhoeus 1.4.0
Installing listen 3.7.1
Installing sass-listen 4.0.0
Installing typhoeus 1.4.0
Fetching sass 3.7.4
Fetching jekyll-watch 2.2.1
Fetching github-pages-health-check 1.17.9
Installing jekyll-watch 2.2.1
Installing github-pages-health-check 1.17.9
Installing sass 3.7.4
Fetching jekyll-sass-converter 1.5.2
Installing jekyll-sass-converter 1.5.2
Fetching jekyll 3.9.2
Installing jekyll 3.9.2
Fetching jekyll-avatar 0.7.0
Fetching jekyll-mentions 1.6.0
Fetching jekyll-optional-front-matter 0.3.2
Fetching jekyll-readme-index 0.3.0
Fetching jemoji 0.12.0
Fetching jekyll-remote-theme 0.4.3
Fetching jekyll-seo-tag 2.8.0
Fetching jekyll-sitemap 1.4.0
Fetching jekyll-default-layout 0.1.4
Fetching jekyll-feed 0.15.1
Fetching jekyll-github-metadata 2.13.0
Fetching jekyll-include-cache 0.2.1
Fetching jekyll-titles-from-headings 0.5.3
Fetching jekyll-commonmark-ghpages 0.2.0
Fetching jekyll-relative-links 0.6.1
Fetching jekyll-redirect-from 0.16.0
Installing jekyll-optional-front-matter 0.3.2
Installing jekyll-readme-index 0.3.0
Installing jekyll-remote-theme 0.4.3
Installing jekyll-default-layout 0.1.4
Installing jemoji 0.12.0
Installing jekyll-relative-links 0.6.1
Installing jekyll-mentions 1.6.0
Installing jekyll-include-cache 0.2.1
Installing jekyll-redirect-from 0.16.0
Installing jekyll-commonmark-ghpages 0.2.0
```

```

Installing jekyll-titles-from-headings 0.5.3
Installing jekyll-avatar 0.7.0
Installing jekyll-feed 0.15.1
Installing jekyll-github-metadata 2.13.0
Installing jekyll-seo-tag 2.8.0
Installing jekyll-sitemap 1.4.0
Fetching hawkins 2.0.5
Fetching jekyll-theme-midnight 0.2.0
Fetching jekyll-theme-tactile 0.2.0
Fetching jekyll-theme-dinky 0.2.0
Fetching jekyll-theme-hacker 0.2.0
Fetching minima 2.5.1
Fetching jekyll-theme-leap-day 0.2.0
Fetching jekyll-theme-merlot 0.2.0
Fetching jekyll-theme-minimal 0.2.0
Fetching jekyll-theme-primer 0.6.0
Fetching jekyll-theme-slate 0.2.0
Fetching jekyll-theme-architect 0.2.0
Fetching jekyll-theme-cayman 0.2.0
Fetching jekyll-theme-modernist 0.2.0
Fetching jekyll-theme-time-machine 0.2.0
Installing jekyll-theme-hacker 0.2.0
Installing minima 2.5.1
Installing jekyll-theme-time-machine 0.2.0
Installing jekyll-theme-cayman 0.2.0
Installing jekyll-theme-modernist 0.2.0
Installing jekyll-theme-dinky 0.2.0
Installing jekyll-theme-primer 0.6.0
Installing jekyll-theme-tactile 0.2.0
Installing jekyll-theme-architect 0.2.0
Installing jekyll-theme-minimal 0.2.0
Installing hawkins 2.0.5
Installing jekyll-theme-slate 0.2.0
Installing jekyll-theme-merlot 0.2.0
Installing jekyll-theme-leap-day 0.2.0
Installing jekyll-theme-midnight 0.2.0
Fetching github-pages 226
Installing github-pages 226
Bundle complete! 4 Gemfile dependencies, 102 gems now installed.
Use 'bundle info [gemname]' to see where a bundled gem is installed.
Post-install message from dnsruby:
Installing dnsruby...
  For issues and source code: https://github.com/alexdalitz/dnsruby
  For general discussion (please tell us how you use dnsruby): https://groups.google.com/forum/#!forum/dnsruby
Post-install message from sass:

Ruby Sass has reached end-of-life and should no longer be used.

* If you use Sass as a command-line tool, we recommend using Dart Sass, the new
  primary implementation: https://sass-lang.com/install

* If you use Sass as a plug-in for a Ruby web framework, we recommend using the
  sassc gem: https://github.com/sass/sassc-ruby#readme

* For more details, please refer to the Sass blog:
  https://sass-lang.com/blog/posts/7828841

Post-install message from html-pipeline:
-----

```

Thank you for installing html-pipeline!
 You must bundle Filter gem dependencies.
 See html-pipeline README.md for more details.
<https://github.com/jch/html-pipeline#dependencies>

“If you want to see what’s been installed, run `gem list` before and after `bundle install`.”

```
hong@hong-Katana-GF76-11UC:~/1_NQBH/NQBH.github.io$ gem list
```

```
*** LOCAL GEMS ***
```

```
activesupport (6.0.4.7)
addressable (2.8.0)
benchmark (default: 0.1.0)
bigdecimal (default: 2.0.0)
bundler (2.3.12, default: 2.1.4)
cgi (default: 0.1.0)
coffee-script (2.4.1)
coffee-script-source (1.11.1)
colorator (1.1.0)
commonmarker (0.23.4)
concurrent-ruby (1.1.10)
csv (default: 3.1.2)
date (default: 3.0.0)
dbm (default: 1.1.0)
delegate (default: 0.1.0)
did_you_mean (default: 1.4.0)
dnsruby (1.61.9)
em-websocket (0.5.3)
etc (default: 1.1.0)
ethon (0.15.0)
eventmachine (1.2.7)
execjs (2.8.1)
faraday (1.10.0)
faraday-em_http (1.0.0)
faraday-em_synchrony (1.0.0)
faraday-excon (1.1.0)
faraday-httpclient (1.0.1)
faraday-multipart (1.0.3)
faraday-net_http (1.0.1)
faraday-net_http_persistent (1.2.0)
faraday-patron (1.0.0)
faraday-rack (1.0.0)
faraday-retry (1.0.3)
fcntl (default: 1.0.0)
ffi (1.15.5)
fiddle (default: 1.0.0)
fileutils (default: 1.4.1)
forwardable (default: 1.3.1)
forwardable-extended (2.6.0)
gdbm (default: 2.1.0)
gemoji (3.0.1)
getoptlong (default: 0.1.0)
github-pages (226)
github-pages-health-check (1.17.9)
hawkins (2.0.5)
html-pipeline (2.14.1)
http_parser.rb (0.8.0)
i18n (0.9.5)
```

io-console (default: 0.5.6)
ipaddr (default: 1.2.2)
irb (default: 1.2.6)
jekyll (3.9.2)
jekyll-avatar (0.7.0)
jekyll-coffeescript (1.1.1)
jekyll-commonmark (1.4.0)
jekyll-commonmark-ghpages (0.2.0)
jekyll-default-layout (0.1.4)
jekyll-feed (0.15.1)
jekyll-gist (1.5.0)
jekyll-github-metadata (2.13.0)
jekyll-include-cache (0.2.1)
jekyll-mentions (1.6.0)
jekyll-optional-front-matter (0.3.2)
jekyll-paginate (1.1.0)
jekyll-readme-index (0.3.0)
jekyll-redirect-from (0.16.0)
jekyll-relative-links (0.6.1)
jekyll-remote-theme (0.4.3)
jekyll-sass-converter (1.5.2)
jekyll-seo-tag (2.8.0)
jekyll-sitemap (1.4.0)
jekyll-swiss (1.0.0)
jekyll-theme-architect (0.2.0)
jekyll-theme-cayman (0.2.0)
jekyll-theme-dinky (0.2.0)
jekyll-theme-hacker (0.2.0)
jekyll-theme-leap-day (0.2.0)
jekyll-theme-merlot (0.2.0)
jekyll-theme-midnight (0.2.0)
jekyll-theme-minimal (0.2.0)
jekyll-theme-modernist (0.2.0)
jekyll-theme-primer (0.6.0)
jekyll-theme-slate (0.2.0)
jekyll-theme-tactile (0.2.0)
jekyll-theme-time-machine (0.2.0)
jekyll-titles-from-headings (0.5.3)
jekyll-watch (2.2.1)
jemoji (0.12.0)
json (default: 2.3.0)
kramdown (2.3.2)
kramdown-parser-gfm (1.1.0)
liquid (4.0.3)
listen (3.7.1)
logger (default: 1.4.2)
matrix (default: 0.2.0)
mercenary (0.3.6)
minima (2.5.1)
minitest (5.15.0, 5.13.0)
multipart-post (2.1.1)
mutex_m (default: 0.1.0)
net-pop (default: 0.1.0)
net-smtp (default: 0.1.0)
net-telnet (0.1.1)
nokogiri (1.13.4 x86_64-linux)
observer (default: 0.1.0)
octokit (4.22.0)
open3 (default: 0.1.0)

```

openssl (default: 2.1.2)
ostruct (default: 0.2.0)
pathutil (0.16.2)
power_assert (1.1.7)
prime (default: 0.1.1)
pstore (default: 0.1.0)
psych (default: 3.1.0)
public_suffix (4.0.7)
racc (1.6.0, default: 1.4.16)
rake (13.0.3)
rb-fsevent (0.11.1)
rb-inotify (0.10.1)
rdoc (default: 6.2.1.1)
readline (default: 0.0.2)
readline-ext (default: 0.1.0)
reline (default: 0.1.5)
rexml (3.2.5, default: 3.2.3.1)
rouge (3.26.0)
rss (default: 0.2.8)
ruby2_keywords (0.0.5)
rubygems-update (3.2.5)
rubyzip (2.3.2)
safe_yaml (1.0.5)
sass (3.7.4)
sass-listen (4.0.0)
sawyer (0.8.2)
sdbm (default: 1.0.0)
simpleidn (0.2.1)
singleton (default: 0.1.0)
stringio (default: 0.1.0)
strscan (default: 1.0.3)
terminal-table (1.8.0)
test-unit (3.3.9)
thread_safe (0.3.6)
timeout (default: 0.1.0)
tracer (default: 0.1.0)
typhoeus (1.4.0)
tzinfo (1.2.9)
unf (0.1.4)
unf_ext (0.0.8.1)
unicode-display_width (1.8.0)
uri (default: 0.10.0)
webrick (default: 1.6.1)
xmlrpc (0.3.0)
yaml (default: 0.1.0)
zeitwerk (2.5.4)
zlib (default: 1.1.0)

```

2 NQBH.github.io

References

[Williams2020] Rob Williams. *Building an Academic Website*. Jun 30, 2020.