

Отчет по выполнению 1-го этапа индивидуального проекта

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RUDN University

Цель индивидуального проекта – создание персонального сайта научного работника. Сайт должен быть по шаблону и включать в себя такие блоки, как посты, информацию о себе, информацию об образовании и др. Сайт должен находиться на GitHub Pages.

- Установить необходимое программное обеспечение.
- Скачать шаблон темы сайта.
- Разместить его на хостинге git.
- Установить параметр для URLs сайта.
- Разместить заготовку сайта на Github pages.

- Генератор статических сайтов Hugo
- Шаблон Hugo Academic Theme

Выполнение лабораторной работы

Установка пакета с генератором статических сайтов Hugo

```
~/work/study/2021-2022/Операционные системы/website/public — squiddass@sqmac — zsh
..abstite/public ..reportimage
Last login: Sat Apr 30 00:40:46 on ttys002
sakochkarev@sakochkarev [00:40:54] [~]
-> % brew install hugo
Running 'brew update --preinstall'...
-> Auto-updated Homebrew!
Updated 4 taps (homebrew/cask-versions, homebrew/core, homebrew/cask and homebrew/cask-drivers).
-> New Formulae
micro_inetd spirv-headers wb32-dfu-updater_cli
-> Updated Formulae
Updated 173 formulae.
-> New Casks
osx
-> Updated Casks
Updated 111 casks.
-> Deleted Casks
osx-development sitebulb srware-iron thought-train vin047-abgx360 zoom-outlook-plugin
-> Downloading https://ghcr.io/v2/homebrew/core/hugo/manifests/0.98.0
##### 100.0%
-> Downloading https://ghcr.io/v2/homebrew/core/hugo/blobs/sha256:ed877e54d75ff23d90e59cbefcdf8afaf9617fa9c8e1ea457e01226f6d3020
-> Downloading from https://pkg-containers.githubusercontent.com/ghcr1/blobs/sha256:ed877e54d75ff23d90e59cbefcdf8afaf9617fa9c8e1
##### 100.0%
-> Pouring hugo--0.98.0.monterey.bottle.tar.gz
-> Caveats
zsh completions have been installed to:
/usr/local/share/zsh/site-functions
-> Summary
📦 /usr/local/Cellar/hugo/0.98.0: 48 files, 58.5MB
-> Running 'brew cleanup hugo'...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see 'man brew').
```

Генерація репозиторія на основі макета *starter-hugo-academic*

The screenshot shows a GitHub repository page for 'FreeDandar / website'. The repository is public and was generated from 'weechemy/starter-hugo-academic'. The main branch is 'main', and there is 1 branch and 0 tags. The repository contains a list of files and folders, all of which were committed initially 42 minutes ago. The files include .github, assets/media, config/_default, content, data, images, static/uploads, .editorconfig, .gitignore, LICENSE.md, README.md, academic.Rproj, go.mod, netlify.toml, preview.png, and theme.toml. The repository also has a README.md file. The right sidebar shows the 'About' section with no description, website, or topics provided. It also lists 'Releases' (no releases published) and 'Sponsor this project' (sponsored by gcushen Geo). The 'Packages' section shows no packages published.

FreeDandar / website Public
generated from weechemy/starter-hugo-academic

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code

FreeDandar initial commit 42 minutes ago 1 commit

File	Commit	Time
.github	initial commit	42 minutes ago
assets/media	initial commit	42 minutes ago
config/_default	initial commit	42 minutes ago
content	initial commit	42 minutes ago
data	initial commit	42 minutes ago
images	initial commit	42 minutes ago
static/uploads	initial commit	42 minutes ago
.editorconfig	initial commit	42 minutes ago
.gitignore	initial commit	42 minutes ago
LICENSE.md	initial commit	42 minutes ago
README.md	initial commit	42 minutes ago
academic.Rproj	initial commit	42 minutes ago
go.mod	initial commit	42 minutes ago
netlify.toml	initial commit	42 minutes ago
preview.png	initial commit	42 minutes ago
theme.toml	initial commit	42 minutes ago

README.md

About
No description, website, or topics provided.

- Readme
- MIT License
- 0 stars
- 0 watching
- 0 forks

Releases
No releases published
Create a new release

Sponsor this project
gcushen Geo
https://weechemy.com/sponsor/
Learn more about GitHub Sponsors

Packages
No packages published
Publish your first package

Клонирование на локальную машину

```
sakochkarev@sakochkarev [00:57:45] [~/work/study/2021-2022/Операционные системы]
-> % git clone --recursive git@github-rudn:FreeDandar/website.git
Cloning into 'website'...
remote: Enumerating objects: 84, done.
remote: Counting objects: 100% (84/84), done.
remote: Compressing objects: 100% (72/72), done.
remote: Total 84 (delta 6), reused 53 (delta 1), pack-reused 0
Receiving objects: 100% (84/84), 1.81 MiB | 3.84 MiB/s, done.
Resolving deltas: 100% (6/6), done.
```


Доустановка языка go

```
sakochkarev@sakochkarev [00:46:24] [~/work/study/2021-2022/Операционные системы/website] [main]
-> % brew install go
=> Downloading https://ghcr.io/v2/homebrew/core/go/manifests/1.18.1
##### 100.0%
=> Downloading https://ghcr.io/v2/homebrew/core/go/blobs/sha256:642ebd8d3e2d3ee1e959aa0af67cd597594498480a55557025f4b1d70d2e9057
=> Downloading from https://pkg-containers.githubusercontent.com/ghcr1/blobs/sha256:642ebd8d3e2d3ee1e959aa0af67cd597594498480a555
##### 100.0%
=> Pouring go--1.18.1.monterey.bottle.tar.gz
🍺 /usr/local/Cellar/go/1.18.1: 11,964 files, 592.6MB
=> Running 'brew cleanup go'...
Disable this behaviour by setting HOMEBREW_NO_INSTALL_CLEANUP.
Hide these hints with HOMEBREW_NO_ENV_HINTS (see `man brew`).
```

Тестирование сервера

```
~/work/study/2021-2022/Операционные системы/website/public — squidass@sqmac — -zsh
..eb site/public ..stage1/report
sakochkarev@sakochkarev [00:47:03] [~/work/study/2021-2022/Операционные системы/website] [main]
|-> * hugo server
hugo: downloading modules ...
hugo: collected modules in 3739 ms
Start building sites ...
hugo v0.98.0+extended darwin/amd64 BuildDate=unknown

-----+-----
| EN
-----+-----
Pages | 54
Paginator pages | 0
Non-page files | 7
Static files | 9
Processed images | 30
Aliases | 11
Sitemaps | 1
Cleaned | 0

Built in 1389 ms
Watching for changes in /Users/squidass/work/study/2021-2022/Операционные системы/website/{assets,content,data,static}
Watching for config changes in /Users/squidass/work/study/2021-2022/Операционные системы/website/config/_default, /Users/squidass/work/study/2021-2022/Операционные системы/website/go.mod
Environment: "development"
Serving pages from memory
Running in Fast Render Mode. For full rebuilds on change: hugo server --disableFastRender
Web Server is available at http://localhost:1313/ (bind address 127.0.0.1)
Press Ctrl+C to stop
^C
```

Academic Template

👋 Welcome to the Academic Template

The Wowchemy **Academic Résumé Template** for Hugo empowers you to create your job-winning online résumé and showcase your academic publications.

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Nelson Bighetti
Professor of Artificial Intelligence
Stanford University

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Biography

Nelson Bighetti is a professor of artificial intelligence at the Stanford AI Lab. His research interests include distributed robotics, mobile computing and programmable matter. He leads the Robotic Neurobiology group, which develops self-reconfiguring robots, systems of self-organizing robots, and mobile sensor networks.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed neque elit, tristique placerat feugiat ac, facilisis vitae arcu. Proin eget egestas augue. Praesent ut sem nec arcu pellentesque aliquet. Duis dapibus diam vel metus tempus vulputate.

[Download my resumé.](#)

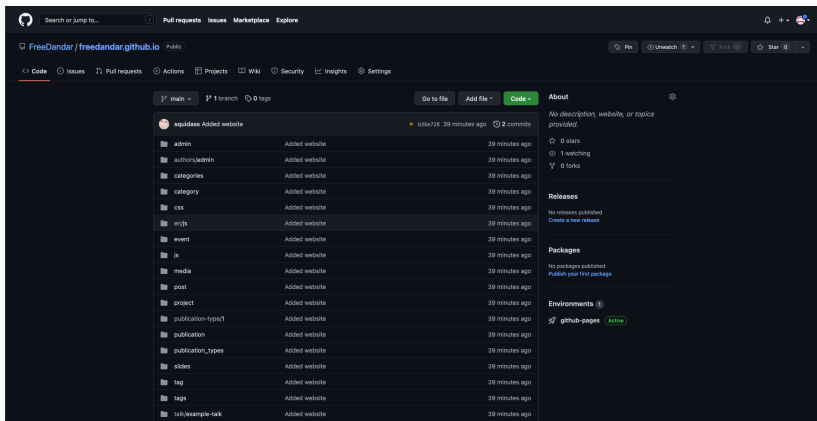
Interests

- Artificial Intelligence
- Computational Linguistics
- Information Retrieval

Education

- [🎓 PhD in Artificial Intelligence, 2012](#)
Stanford University
- [🎓 MEng in Artificial Intelligence, 2009](#)
Massachusetts Institute of Technology
- [🎓 BSc in Artificial Intelligence, 2008](#)
Massachusetts Institute of Technology

Создание репозитория *GitHub Pages*¹



¹GitHub Pages – это хостинг статических сайтов от GitHub.

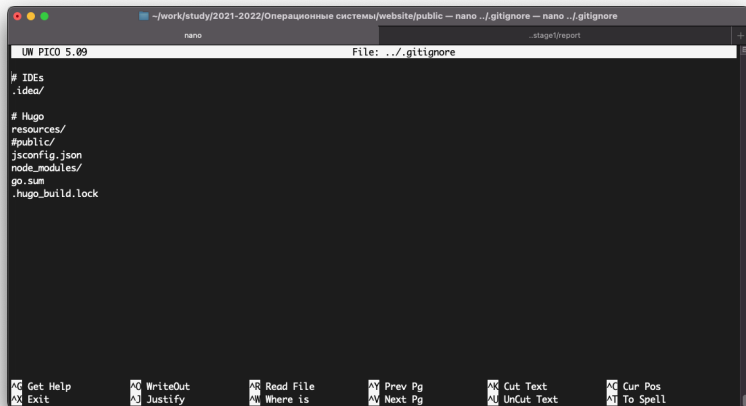
Клонирование созданного репозитория на локальную машину

```
sakochkarev@sakochkarev [00:54:47] [~/work/study/2021-2022/Операционные системы]
-> % git clone --recursive git@github-rudn:FreeDandar/freedandar.github.io.git
Cloning into 'freedandar.github.io'...
warning: You appear to have cloned an empty repository.
```

```
sakochkarev@sakochkarev [00:55:24] [~/work/study/2021-2022/Операционные системы/freedandar.github.io] [main]
-> % touch README.md
sakochkarev@sakochkarev [00:55:29] [~/work/study/2021-2022/Операционные системы/freedandar.github.io] [main *]
-> % git add .
sakochkarev@sakochkarev [00:55:32] [~/work/study/2021-2022/Операционные системы/freedandar.github.io] [main *]
-> % git commit
[main (root-commit) 0a106d7] Added README.md
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 README.md
sakochkarev@sakochkarev [00:55:48] [~/work/study/2021-2022/Операционные системы/freedandar.github.io] [main]
-> % git push
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 233 bytes | 233.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To github-rudn:FreeDandar/freedandar.github.io.git
* [new branch]      main -> main
```

Следующим шагом была настройка репозитория
website с шаблоном сайта.

Изменение .gitignore файла



The screenshot shows a terminal window with the nano text editor open. The title bar indicates the file path is `~/work/study/2021-2022/Операционные системы/website/public` and the file being edited is `../.gitignore`. The editor interface includes a status bar at the top showing "UW PICO 5.09" and "File: ../.gitignore". The main editing area contains the following text:

```
# IDEs
.idea/

# Hugo
resources/
#public/
jsconfig.json
node_modules/
go.sum
.hugo_build.lock
```

At the bottom of the window, there is a row of keyboard shortcuts for nano:

Alt-G Get Help	Alt-O WriteOut	Alt-R Read File	Alt-Y Prev Pg	Alt-K Cut Text	Alt-C Cur Pos
Alt-X Exit	Alt-J Justify	Alt-W Where is	Alt-N Next Pg	Alt-U UnCut Text	Alt-T To Spell

Выполнение команды `git submodule add -b main`
`git@github-rudn:FreeDandar/freedandar.github.io.git`
`public`

```
sakochkarev@sakochkarev [00:59:26] [~/work/study/2021-2022/Операционные системы/website] [main *]  
-> % git submodule add -b main git@github-rudn:FreeDandar/freedandar.github.io.git public  
Cloning into '/Users/squidass/work/study/2021-2022/Операционные системы/website/public'...  
remote: Enumerating objects: 3, done.  
remote: Counting objects: 100% (3/3), done.  
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0  
Receiving objects: 100% (3/3), done.
```

“Конструирование” сайта

```
sakochkarev@sakochkarev [00:59:31] [~/work/study/2021-2022/Операционные системы/website] [main *]  
-> % hugo  
Start building sites ...  
hugo v0.98.0+extended darwin/amd64 BuildDate=unknown
```

		EN
Pages		53
Paginator pages		0
Non-page files		7
Static files		9
Processed images		15
Aliases		11
Sitemaps		1
Cleaned		0

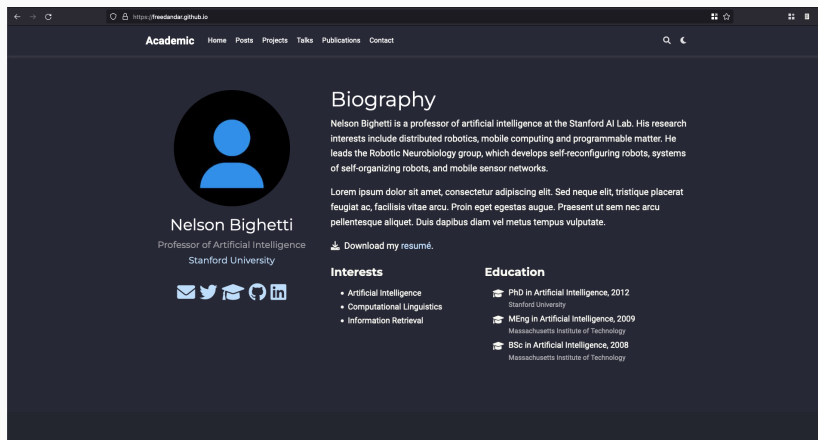
Total in 774 ms

Обновление сайта на GitHub

```
~/work/study/2021-2022/Операционные системы/website/public — squiddass@sqmac — -zsh
..eb site/public ..stage1/report +
sakochkarev@sakochkarev [01:01:02] [~/work/study/2021-2022/Операционные системы/website/public] [main *]
-> % git add .
sakochkarev@sakochkarev [01:01:12] [~/work/study/2021-2022/Операционные системы/website/public] [main *]
-> % git commit
[main b36e728] Added website
98 files changed, 27213 insertions(+)
create mode 100644 404.html
create mode 100644 _headers
create mode 100644 _redirects
create mode 100644 admin/config.yml
create mode 100644 admin/index.html
create mode 100644 authors/admin/avatar.jpg
create mode 100644 authors/admin/avatar_hu52a603635eceb45650b162dadabb4e5_12861_270x270_fill_q75_lanczos_center.jpg
create mode 100644 categories/index.html
create mode 100644 categories/index.xml
create mode 100644 categories/page/1/index.html
create mode 100644 category/demo/index.html
create mode 100644 category/demo/index.xml
create mode 100644 category/demo/page/1/index.html
create mode 100644 "category/346\225\231\347\250\213/index.html"
create mode 100644 "category/346\225\231\347\250\213/index.xml"
create mode 100644 "category/346\225\231\347\250\213/page/1/index.html"
create mode 100644 css/reveal_custom.min.css
create mode 100644 css/vendor-bundle.min.c7b8d9abd591ba2253ea42747e3ac3f5.css
create mode 100644 css/wowchemy.1052fab8b7700a3dc49ee23683097d66.css
create mode 100644 en/js/wowchemy.min.ab2f2890dbe3e2e83579366d3d6e8fd9.js
create mode 100644 event/index.html
create mode 100644 event/index.xml
```

```
sakochkarev@sakochkarev [01:01:27] [~/work/study/2021-2022/Операционные системы/website/public] [main]
-> % git push origin main
Enumerating objects: 156, done.
Counting objects: 100% (156/156), done.
Delta compression using up to 6 threads
Compressing objects: 100% (126/126), done.
Writing objects: 100% (155/155), 2.20 MiB | 3.29 MiB/s, done.
Total 155 (delta 38), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (38/38), done.
```


Проверка сайта на публичном адресе freedandar.github.io



The screenshot shows a web browser displaying the GitHub profile page for 'freedandar'. The page has a dark theme. At the top, the browser's address bar shows the URL 'https://freedandar.github.io'. The website's navigation bar includes links for 'Academic', 'Home', 'Posts', 'Projects', 'Talks', 'Publications', and 'Contact'. The main content area features a profile section on the left with a circular placeholder for a profile picture, the name 'Nelson Bighetti', and his title 'Professor of Artificial Intelligence, Stanford University'. Below this are icons for email, Twitter, a graduation cap, a speech bubble, and LinkedIn. To the right of the profile is a 'Biography' section with two paragraphs of placeholder text and a 'Download my resumé.' link. Further right are two columns: 'Interests' listing 'Artificial Intelligence', 'Computational Linguistics', and 'Information Retrieval'; and 'Education' listing 'PhD in Artificial Intelligence, 2012' (Stanford University), 'MEng in Artificial Intelligence, 2009' (Massachusetts Institute of Technology), and 'BSc in Artificial Intelligence, 2008' (Massachusetts Institute of Technology).

← → ↻ 🔍 https://freedandar.github.io

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Nelson Bighetti
Professor of Artificial Intelligence
Stanford University

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Biography

Nelson Bighetti is a professor of artificial intelligence at the Stanford AI Lab. His research interests include distributed robotics, mobile computing and programmable matter. He leads the Robotic Neurobiology group, which develops self-reconfiguring robots, systems of self-organizing robots, and mobile sensor networks.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed neque elit, tristique placerat feugiat ac, facilisis vitae arcu. Proin eget egestas augue. Praesent ut sem nec arcu pellentesque aliquet. Duis dapibus diam vel metus tempus vulputate.

📄 Download my resumé.

Interests

- Artificial Intelligence
- Computational Linguistics
- Information Retrieval

Education

- 🎓 **PhD in Artificial Intelligence, 2012**
Stanford University
- 🎓 **MEng in Artificial Intelligence, 2009**
Massachusetts Institute of Technology
- 🎓 **BSc in Artificial Intelligence, 2008**
Massachusetts Institute of Technology

По окончании первого этапа индивидуального проекта мы познакомились с генератором статических сайтов **Hugo**, а также изучили дополнительные команды `git`.