

РОССИЙСКИЙ УНИВЕРСИТЕТ ДРУЖБЫ НАРОДОВ  
Факультет физико-математических и естественных наук  
Кафедра прикладной информатики

**ОТЧЕТ**  
**ПО ЛАБОРАТОРНОЙ РАБОТЕ № 3**

Дисциплина: Архитектура компьютера

Студент: Касканте Родригес Альберто

МОСКВА

2023 г.

## Цель работы

Целью работы является изучить идеологию и применение средств контроля версий. Приобрести практические навыки по работе с системой git.

## Ход работы

Создаю учетную запись на GitHub

The screenshot shows the GitHub profile page for user AlbertoRUDN. The browser address bar displays `https://github.com/AlbertoRUDN`. The navigation bar includes links for Pull requests, Issues, Codespaces, Marketplace, and Explore. The profile section on the left features a circular avatar with a pink and white geometric design, the username AlbertoRUDN, and an Edit profile button. Below the profile is a Highlights section with a PRO badge. The main content area shows the Overview tab selected, with a message stating "You don't have any public repositories yet." Below this, a section titled "3 contributions in the last year" displays a calendar grid for the last year (March 2022 to March 2023). The grid shows contributions on January 1, 2023, and March 1, 2023. A Contribution activity section at the bottom shows a timeline for March 2023, indicating "Created 1 commit in 1 repository".

AlbertoRUDN

Edit profile

Highlights

☆ PRO

Overview Repositories 1 Projects Packages Stars

Popular repositories

You don't have any public repositories yet.

3 contributions in the last year

Contribution settings

Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar

Mon

Wed

Fri

Learn how we count contributions

Less More

Contribution activity

March 2023

Created 1 commit in 1 repository

2023

2022


## Создаю репозиторий на основе шаблона преподавателя

### Create a new repository from course-directory-student-template

The new repository will start with the same files and folders as [yamadharm/course-directory-student-template](#).

Owner \*

Repository name \*

 AlbertoRUDN

/ arch-pc 

Great repository names are short and memorable. Need inspiration? How about [miniature-meme](#)?

Description (optional)

lab



**Public**

Anyone on the internet can see this repository. You choose who can commit.



**Private**

You choose who can see and commit to this repository.

☐ **Include all branches**

Copy all branches from yamadharm/course-directory-student-template and not just master.

 You are creating a public repository in your personal account.

Create repository from template

## Конфигурация пользователя

```
albertocascante@Ubuntu: ~/labs
albertocascante@Ubuntu:~/labs$ git config --global user.name "AlbertoRUDN"
albertocascante@Ubuntu:~/labs$ git config --global user.email "1132215059@pfur.ru"
albertocascante@Ubuntu:~/labs$ git config --global core.quotepath false
albertocascante@Ubuntu:~/labs$ git config --global init.defaultBranch master
albertocascante@Ubuntu:~/labs$ git config --global core.autocrlf input
albertocascante@Ubuntu:~/labs$ git config --global core.safecrlf warn
albertocascante@Ubuntu:~/labs$
```

## SSH ключ для работы с репозиторием

```
albertocascante@Ubuntu:~/labs$ git config --global core.safecrlf warn
albertocascante@Ubuntu:~/labs$ ssh-keygen -C "AlbertoRUDN 1132215059@pfur.ru"
Generating public/private rsa key pair.
Enter file in which to save the key (/home/albertocascante/.ssh/id_rsa):
Created directory '/home/albertocascante/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/albertocascante/.ssh/id_rsa
Your public key has been saved in /home/albertocascante/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:EEDRVQWe1at8TI21t3sPrVeujx1hJ6lGjgwsioSHUew AlbertoRUDN 1132215059@pfur.ru
The key's randomart image is:
+---[RSA 3072]-----+
|  o=+....ooo.  |
| .. .. . o  .  |
| o. .  o  =.  |
| o +E. o  +oo|
| + o . S  ..+oo+|
| . . o +o.+++|
|      o +..o+|
|      .  *=|
|      ++*|
+-----[SHA256]-----+
albertocascante@Ubuntu:~/labs$
```


[Go to your personal page](#)

## SSH keys

[New SSH key](#)

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

### Authentication Keys



1

SHA256:EEDRVQWe1at8TI21t3sPrVeujx1hJ6lGjgwsioSHUew

Added on Mar 19, 2023

Never used — Read/write

[Delete](#)

Check out our guide to [generating SSH keys](#) or troubleshoot [common SSH problems](#).

## GPG keys

[New GPG key](#)

There are no GPG keys associated with your account.

Клонировали репозиторий на компьютер

```
albertocascante@Ubuntu: ~/work/study/2022-2023/Архитек...
Cloning into 'arch-pc'...
remote: Enumerating objects: 27, done.
remote: Counting objects: 100% (27/27), done.
remote: Compressing objects: 100% (26/26), done.
remote: Total 27 (delta 1), reused 11 (delta 0), pack-reused 0
Receiving objects: 100% (27/27), 16.93 KiB | 4.23 MiB/s, done.
Resolving deltas: 100% (1/1), done.
Submodule 'template/presentation' (https://github.com/yamadharm/academic-presentation-markdown-template.git) registered for path 'template/presentation'
Submodule 'template/report' (https://github.com/yamadharm/academic-laboratory-report-template.git) registered for path 'template/report'
Cloning into '/home/albertocascante/work/study/2022-2023/Архитектура компьютера/arch-pc/template/presentation'...
remote: Enumerating objects: 82, done.
remote: Counting objects: 100% (82/82), done.
remote: Compressing objects: 100% (57/57), done.
remote: Total 82 (delta 28), reused 77 (delta 23), pack-reused 0
Cloning into '/home/albertocascante/work/study/2022-2023/Архитектура компьютера/arch-pc/template/report'...
remote: Enumerating objects: 101, done.
remote: Counting objects: 100% (101/101), done.
remote: Compressing objects: 100% (70/70), done.
remote: Total 101 (delta 40), reused 88 (delta 27), pack-reused 0
Receiving objects: 100% (101/101), 327.25 KiB | 4.14 MiB/s, done.
Resolving deltas: 100% (40/40), done.
Submodule path 'template/presentation': checked out 'b1be3800ee91f5809264cb755d316174540b753e'
Submodule path 'template/report': checked out '1d1b61dcac9c287a83917b82e3aef11a33b1e3b2'
albertocascante@Ubuntu:~/work/study/2022-2023/Архитектура компьютера$
albertocascante@Ubuntu:~/work/study/2022-2023/Архитектура компьютера$
```

Оформили курс по шаблону и загрузили в сетевой репозиторий

```
albertocascante@Ubuntu: ~/work/study/2022-2023/Архитек...
create mode 100644 prepare
create mode 100644 presentation/README.md
create mode 100644 presentation/README.ru.md
create mode 100644 presentation/presentation/Makefile
create mode 100644 presentation/presentation/image/kulyabov.jpg
create mode 100644 presentation/presentation/presentation.md
create mode 100644 presentation/report/Makefile
create mode 100644 presentation/report/bib/cite.bib
create mode 100644 presentation/report/image/placeimg_800_600_tech.jpg
create mode 100644 presentation/report/pandoc/csl/gost-r-7-0-5-2008-numeric.csl
create mode 100755 presentation/report/pandoc/filters/pandoc_eqnos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_fignos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_secnos.py
create mode 100755 presentation/report/pandoc/filters/pandoc_tablenos.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/__init__.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/core.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/main.py
create mode 100644 presentation/report/pandoc/filters/pandocxnos/pandocattribut
es.py
create mode 100644 presentation/report/report.md
albertocascante@Ubuntu:~/work/study/2022-2023/Архитектура компьютера/arch-pc$ gi
t push
Enumerating objects: 37, done.
Counting objects: 100% (37/37), done.
Delta compression using up to 6 threads
Compressing objects: 100% (29/29), done.
Writing objects: 100% (35/35), 342.14 KiB | 3.14 MiB/s, done.
Total 35 (delta 4), reused 0 (delta 0)
remote: Resolving deltas: 100% (4/4), completed with 1 local object.
To github.com:AlbertoRUDN/arch-pc.git
 efb07a8..809357c master -> master
albertocascante@Ubuntu:~/work/study/2022-2023/Архитектура компьютера/arch-pc$
```

## Вывод:

В ходе выполнения работы изучили работу с GitHub.