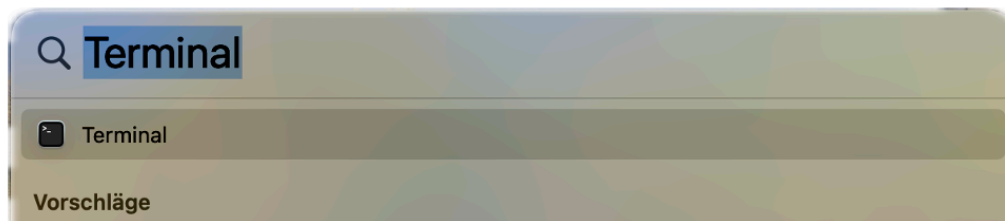
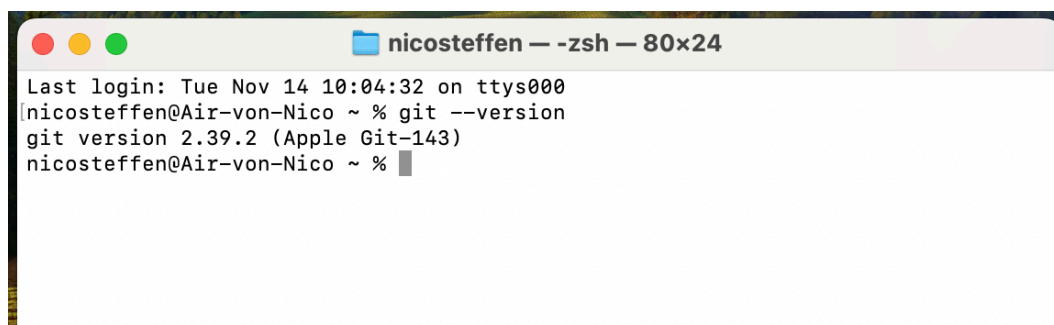


1. Create Account on github.com
2. Open Terminal (Just type in "Terminal" in Spotlight-search)



3. Add following code and press enter to see whether Git is already installed on your Mac. If not, you should be directed to installation automatically.

```
git --version
```



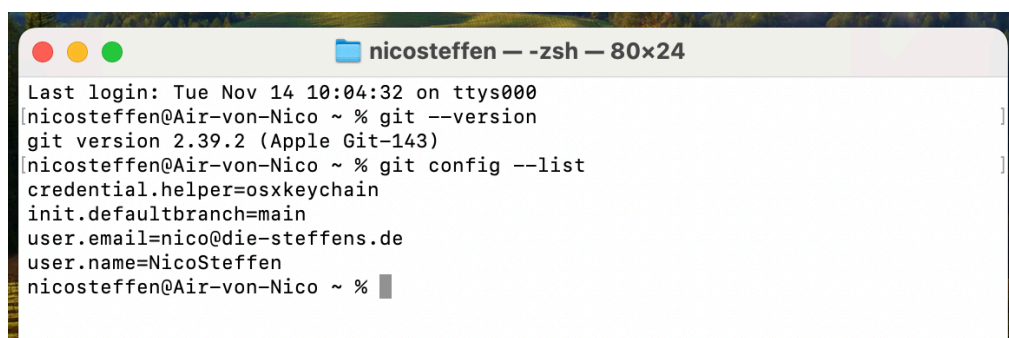
4. Now you must connect git to github. Use following Code to provide Information about your Github username and email. (This must be the exact spelling than in your Github account)

```
git config --global user.name "yourname"
```

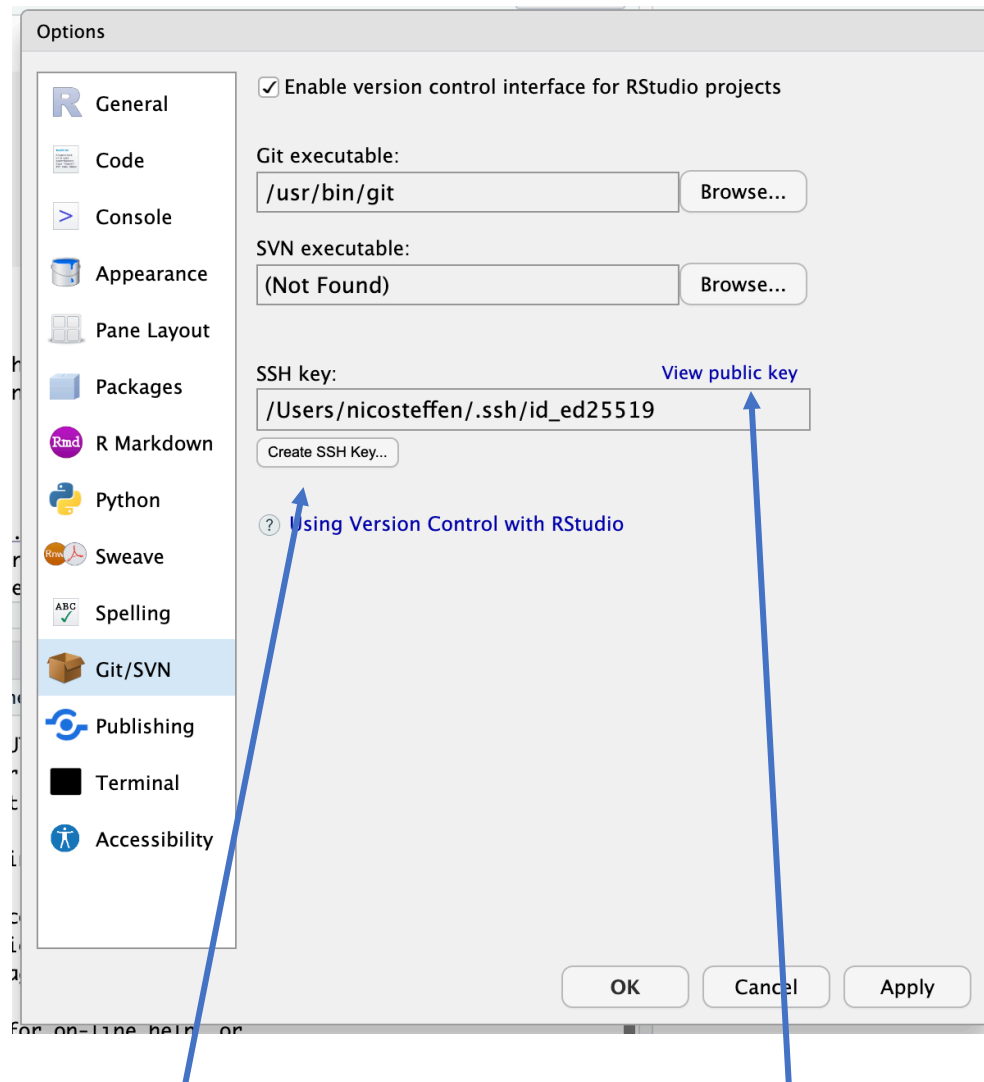
```
git config --global user.email "mymail@gmail.com"
```

5. You can check if it worked by running following code:

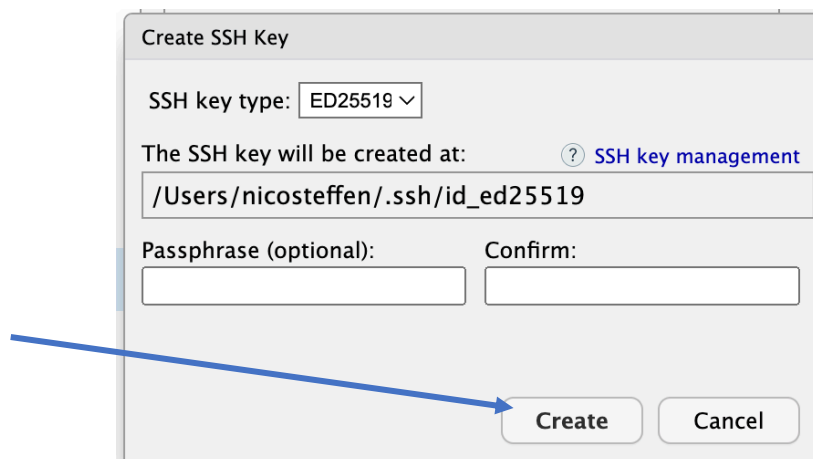
```
git config --list
```



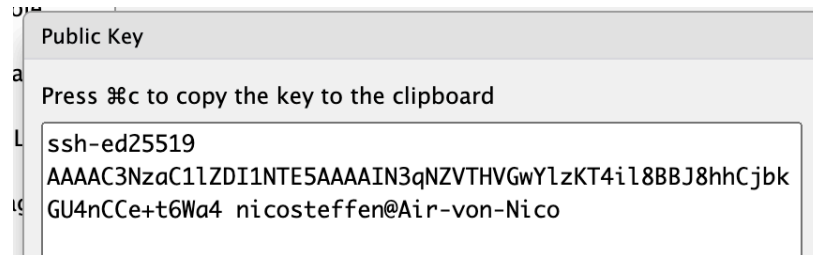
6. Open R-Studio. Click on “Tools” in menu bar, open “Global Options”. Select “Git/SVN”. It should look like this:



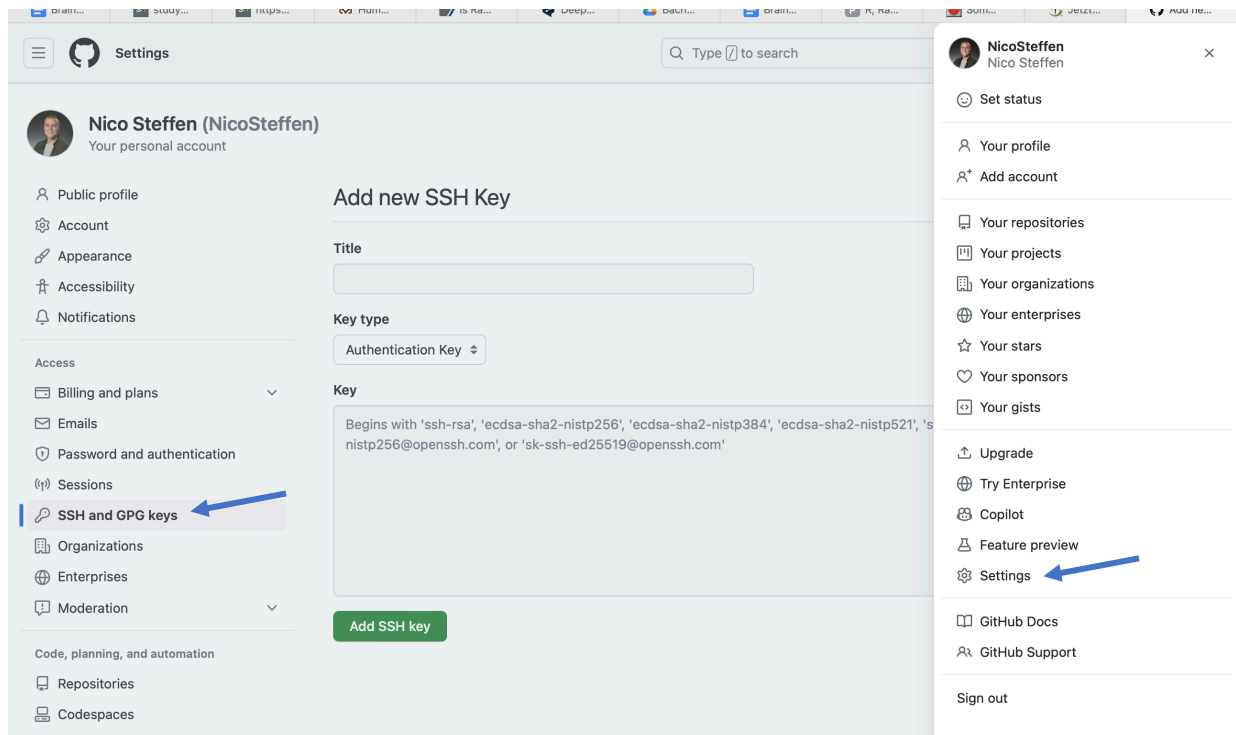
7. Create a SSH Key look at it by pressing “View public key” and copy to clipboard.



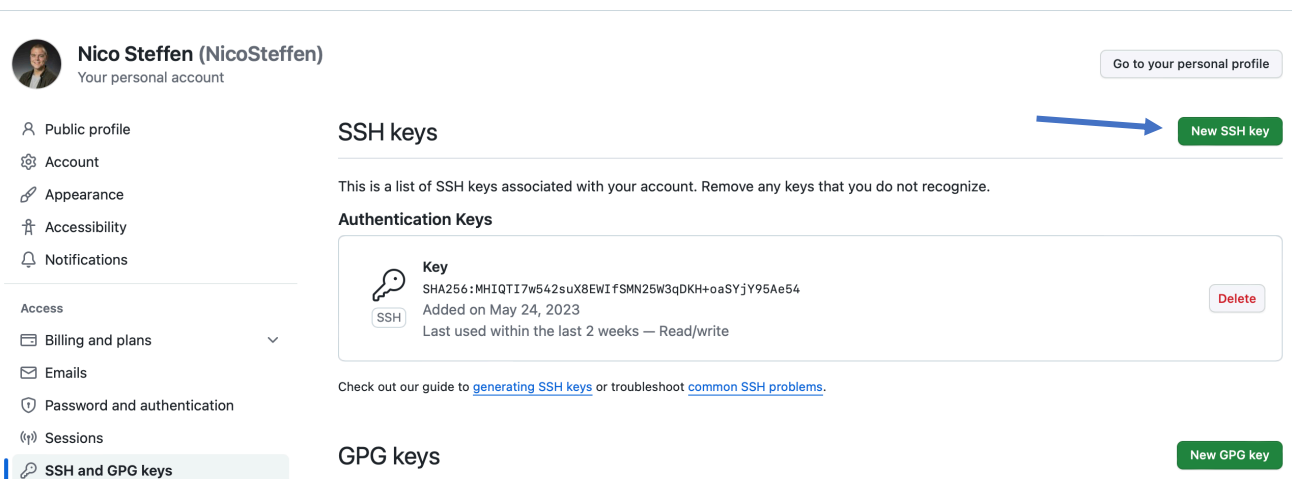
8. Your SSH Key will look something like this: (Copy the whole key)



9. Now open Github.com, go to “settings” and open “SSH and GPG keys”



10. Now press “New SSH key”



11. Paste your SSH Key from R-Studio, name it as you wish and press Add SSH key

Add new SSH Key

Title

R-Studio

Key type

Authentication Key

Key

```
ssh-ed25519 AAAAC3NzaC1lZD11NTE5AAAAIN3qNZVTHVGwYlZKT4il8BBJ8hhCjkbGU4nCCe+t6Wa4 nicosteffen@Air-von-Nico
```

Add SSH key

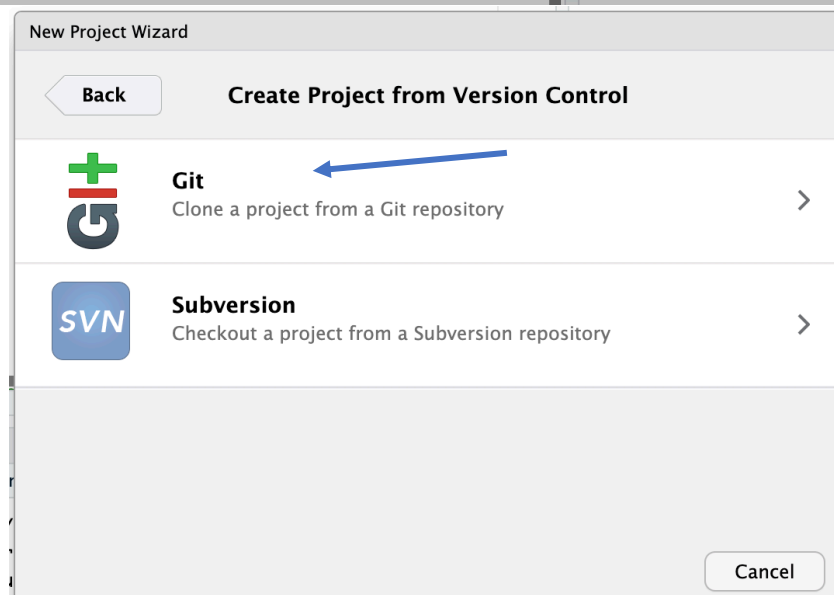
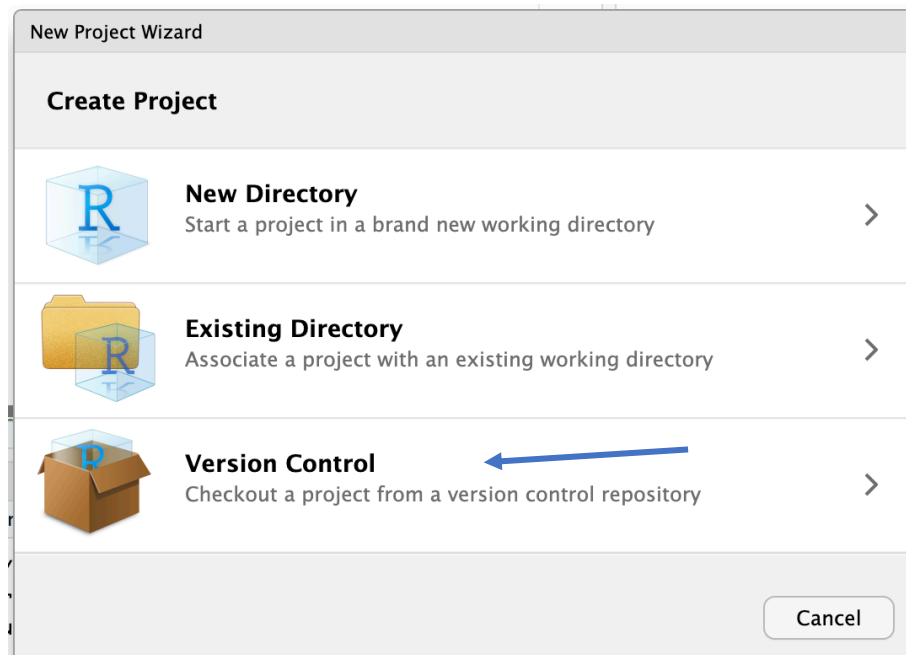
12. Now you're ready to rock n roll. Let's look at how to add a GitHub repository to your R-Studio account: Go to any GitHub Repository click on "<> Code" and copy the following code to your clipboard: (Use the SSH code)

The screenshot shows a GitHub repository page for user 'ZZ' (Public). The repository is named 'stephangoerigk update' and has a file 'ZZ.Rproj' with an 'Initial commit'. The 'Code' button is highlighted with a blue arrow. A modal window is open showing the 'Clone' section with the 'SSH' tab selected. The SSH clone command is highlighted with a blue box and a blue arrow: `git@github.com:stephangoerigk/ZZ.git`. Below the command, it says 'Use a password-protected SSH key.' There are also buttons for 'Open with GitHub Desktop' and 'Download ZIP'.

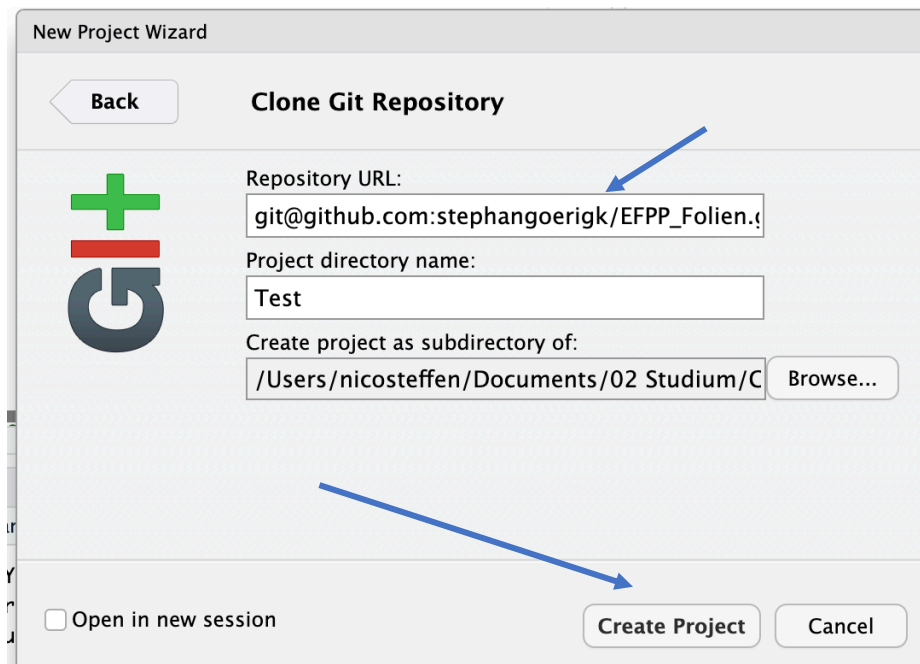
13. Now we open R-Studio and click on the new Project Icon



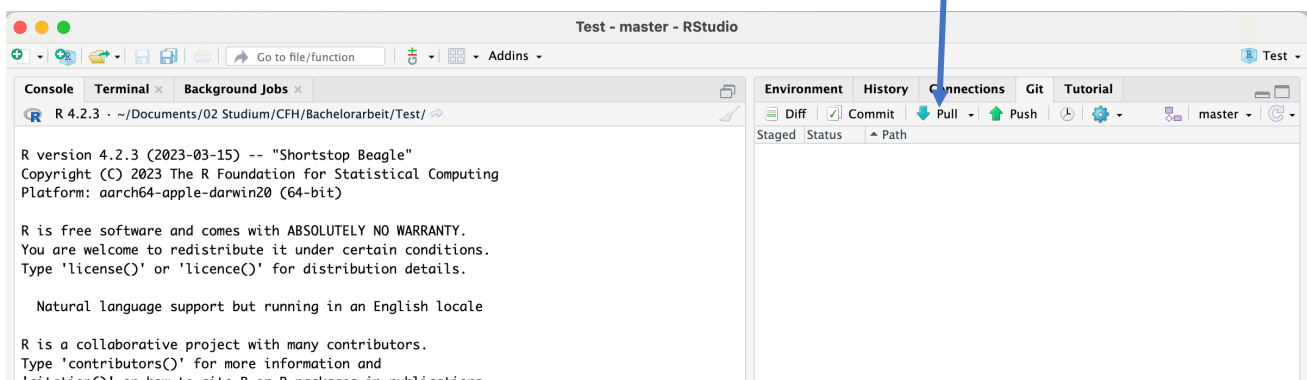
14. Select "Version Control", then "Git"



15. Paste the URL code from GitHub, chose name and directory. Press “Create Project”



16. You should now see the Git bar on the top right. Press “Pull” to download latest changes from the GitHub repository. (You should pull the latest data from GitHub every time you start working on the project. Otherwise, the version you are working on is not synchronized with the latest version on GitHub. Other people may have made changes in the meantime. If your version is already up to date you will be notified accordingly)



17. Now you can work on the project and write amazing code. If you want to “push” your changes to the shared GitHub repository there are three lines of code, you need to run in your Terminal in this order: (The “Update” in the code line `git commit` can be exchanged with other words or texts. Here can specify the changes you have made, or what exactly you have been working on with this update.)

```
git add .  
git commit -m "update"  
git push
```

It might look something like this:

```
Air-von-Nico:Uebunglearnr nicosteffen$ git add .  
Air-von-Nico:Uebunglearnr nicosteffen$ git push  
^[[AEverything up-to-date  
Air-von-Nico:Uebunglearnr nicosteffen$ git commit -m "update"  
"  
[master c47c985] update  
1 file changed, 1 insertion(+), 1 deletion(-)  
Air-von-Nico:Uebunglearnr nicosteffen$ █
```