

## Github manual

### 1. For Windows or Mac OS

Download the Github Desktop : <https://desktop.github.com/>

It set the ssh-key automatically.

### 2. For Linux

There is no Desktop version for github

First you set the ssh-key

#### 1) on the terminal

```
$ ssh-keygen -t rsa -b 4096 -C your-email@abcd.com
```

Enter a file in which to save the key (/Users/abc/.ssh/id\_rsa): [press enter]

Enter passphrase ( ) : [type the password]

Enter same passphrase again : [type the password again]

```
$ ssh-add ~/.ssh/id_rsa
```

```
$ cat ~/.ssh/id_rsa.pub
```

And then paste all of the output on your terminal.

#### 2) on the website <https://github.com/>

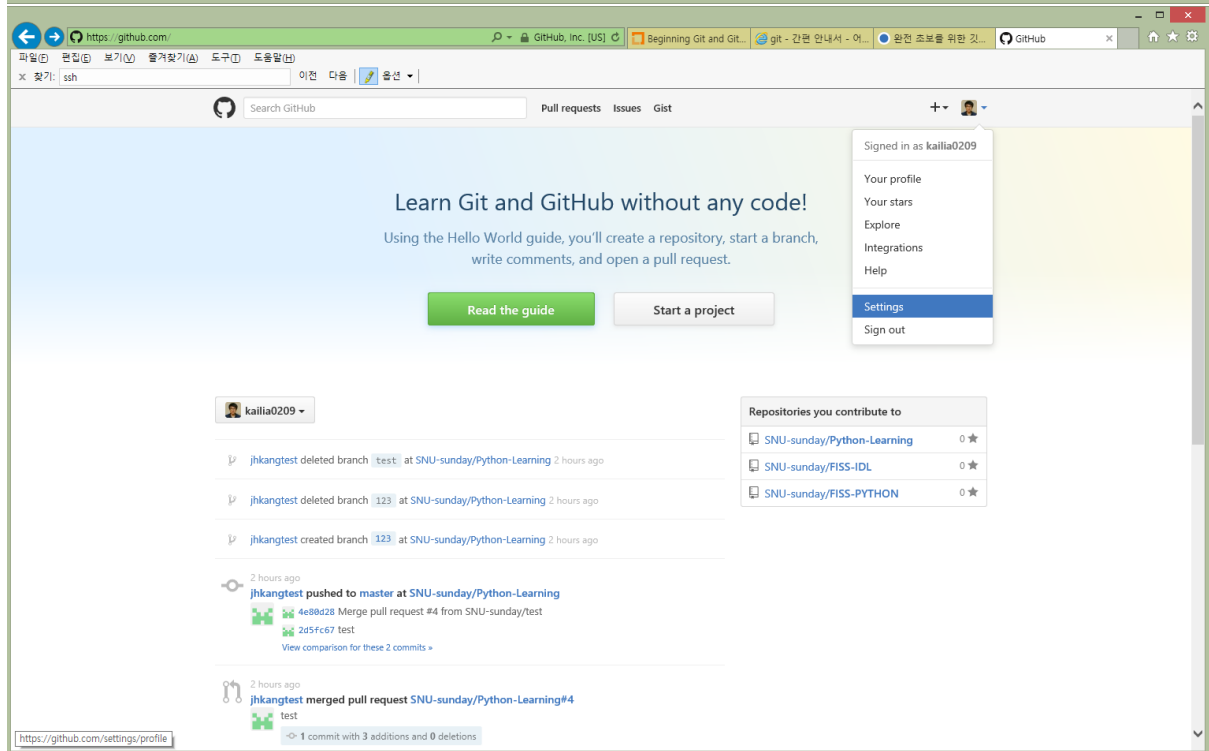
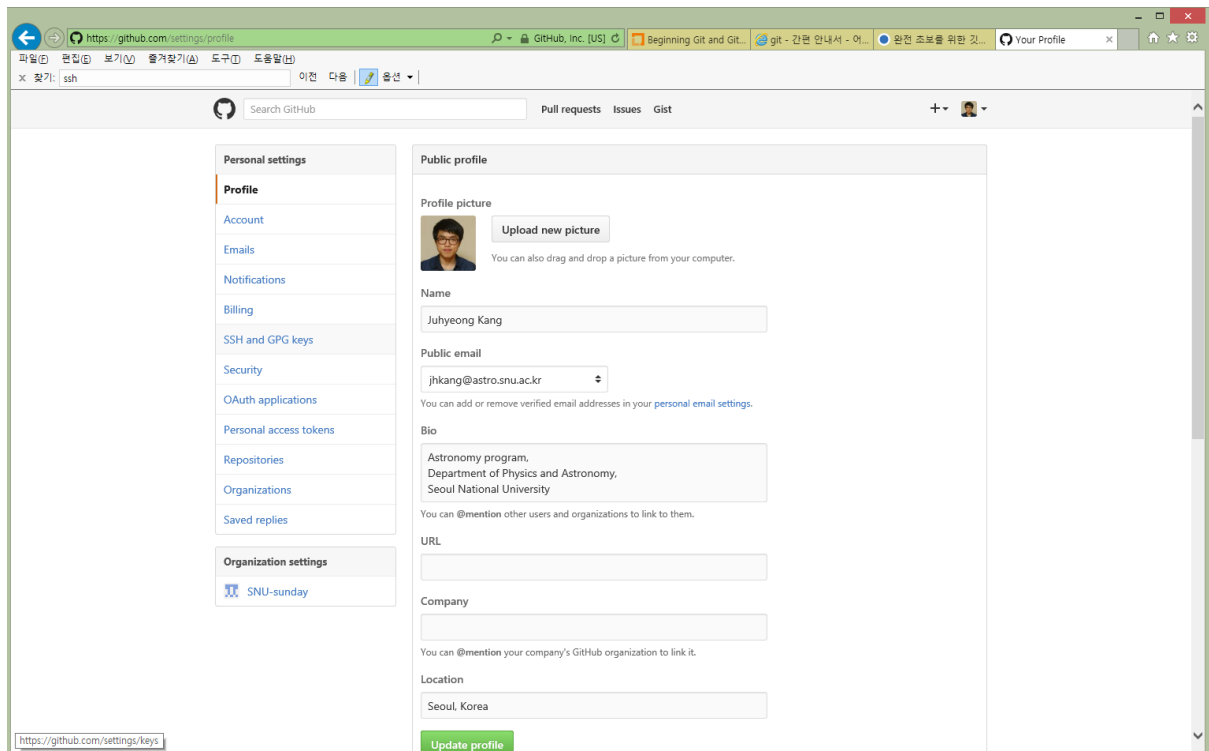
sign in

click 'setting' (see figure)

on the left banner, click 'SSH and GPG keys'

Then click the 'New SSH key'

Type the title you want, and paste the above output on the key then click the Add SSH key



Next you create the clone of any repository and setting

- 1) make private directory for sync from Github repository
- 2) \$ git clone <https://github.com/SNU-sunday/Python-Learning.git>
- 3) move to Python-Learning
- 4) \$ git config --global user.name "your user name"
- 5) \$ git config --global user.email "your account email"
- 6) \$ git remote set-url origin ssh://git@github.com/SNU-sunday/Python-Learning.git
- 7) check \$ git remote -v
- 8) create and change your branch (default is master – I recommend that you always switch any branches)  
  
\$ git checkout -b branch\_name (create branch)  
  
\$ git checkout branch\_name (switch branch)
- 9) index adding  
  
git add (filename)
- 10) committing  
  
git commit -m "commentary" ( up to here is the local process)
- 11) sync to online github branch  
  
git push origin branch\_name
- 12) If you want to pull requests you log in to the website and click pull requests
- 13) Sync to the master branch  
  
\$ git pull origin master