**Getting ssh protocol setup for Github**

1. Run ssh-keygen -t ed25519 -C “vlad@tran.sylvan.ia” at bash terminal, but replace vlad@.tran.sylvan.ia with the email address used to setup your Github account.
2. Press enter when it asks for a file name to save the key (this will use the default file name)
3. You can then enter a password followed by enter or skip the password and just press enter
4. Confirm the password by entering it again followed by enter or absence of one by just pressing enter
5. You should see output with a randomart image. The first line of that output gives you the path to a public key.
6. Run cat /path/to/public/key/id\_ed25519.pub On a mac the path ~/.ssh/id\_ed25519.pub will probably work. On a PC you probably need /home/users/username/.ssh/id\_ed25519.pub.
7. Copy the string starting with ssh-ed25519 and ending with your email
8. In a web browser go to github->settings->SSH and GPG keys->New SSH key then paste the copied key in and give it a name like “biocomputing” or whatever you want. Click Add SSH Key
9. Go back to the terminal type ssh -T git@github.com You will likely be prompted to type yes to accept a RSA fingerprint storage.
10. You should be all set now.