SSH Guide:

GitBash/Msys/Raspberry Pi

SSH Key Pairing ------------------------------------------------------

Create an SSH password on GitBash/Msys/Raspberry Pi:

1. Open a command line on GitBash/MSYS
2. Type **ssh-keygen -t rsa**
3. When asked for the name of a file, just hit enter
4. Probably don’t need a passphrase. Hit enter a couple of times to opt out

Setting GitHub webpage to read SSH:

1. Go to Github and create/use an account
2. Click on your **profile- icon** in the top right and select **settings**
3. Click on **SSH and GPG Keys** on the left
4. New SSH key, top right
5. For name, write the name of your computer i.e. Ryan’s Laptop

Linking created SSH Password to GitHub:

1. To send the contents of the file back to the service, back in the terminal, write:

**cat ~/.ssh/id\_rsa.pub**

1. Copy the SSH key to the github page
2. Hit enter to add the SSH

How to change from HTTPS to SSH in case you made a mistake:

1. Open a command line on GitBash/MSYS
2. Type **git remote set-url origin** [**git@github.com**](mailto:git@github.com)**:<repository name>.git**
   1. Replace repository name with the name of the repo you are trying to switch.
3. If the key isn’t set up properly, make a new key and follow the steps listed above to hook the key up with git.

* *You will have to do this process twice. The first time you will follow this process on your laptop through MSYS or GitBash. The second time you will do this on your Raspberry Pi*