

Creating a GitHub account

If you already have a Github account, skip to the [“Creating a token for logging in”](#) section.

1. Go to github.com and click the **Sign up** button on the upper right hand corner.
2. Follow the prompts to enter your email (**use your <jhedid>@jhu.edu email**) and create a password and username.
3. **Email or Slack yourself the GitHub username** so that you can easily refer to it later in the [“Running github_setup.sh”](#) section.
4. Github will prompt you for a launch code that they’ve sent to you by email. Open your email and paste in the launch code.
5. After this, you’ll be redirected to your Github homepage. Confirm that you’re still logged in by checking that the upper right hand corner has your profile icon rather than an option to sign up.

Creating a token for logging in

You also need to create a **personal access token** for Github. You’ll use this token in place of a password when linking a Github repository to your computer in the [“Running github_setup.sh”](#) section.

1. In the upper-right corner of the page, click your profile icon, then click **Settings**.
2. In the left sidebar, click **Developer settings**.
3. In the left sidebar, click **Personal access tokens**.
4. Click the **Generate new token** button.
5. In the **Note** field, give your token a descriptive name (ex: “bootcamp login”).
6. Choose an expiration date for your token. (For convenience, I usually set it to “No expiration” even though it’s not recommended.)
7. Select the scopes, or permissions, you’d like to grant this token. For this token, check the **Repo** scope box.
8. Click **Generate token**.
9. You’ll now see your personal access token in the green box. **COPY THE TEXT AND SAVE IT**, because the token will disappear after you leave the page. 🤖
10. **Email or Slack yourself the token** so that you can quickly copy-paste it later in the [“Running github_setup.sh”](#) section.

Running github_setup.sh

You will need to edit this file to include your GitHub account and personal access token information before you run the script. The next set of steps will guide you through this process.

1. On the department provided mac laptop, open **Terminal**.
2. **Type** the following, and press <return>: **open -a Textmate code/github_setup.sh**
3. The file will open in textmate. Make sure you are interacting with that window/program.

4. On **line 3**,
 - a. **Remove** #FILLIN
 - b. **Replace** "First" with your first name
 - c. **Replace** "Last" with your last name
 - d. Line 3 should look like the following example: username="Jane Davis"
5. On **line 4**,
 - a. **Remove** #FILLIN
 - b. **Replace** githubusername with your GitHub username from steps 2 and 3 in the ["Creating a GitHub account"](#) section.
 - c. Line 4 should look like the following example: githubname="JDavis789"
6. On **line 5**,
 - a. **Remove** #FILLIN
 - b. **Replace** "JHEDID@jhu.edu" with your **JHU email address** (unless you have a different email address associated with a previously created GitHub account)
 - c. Line 5 should look like the following example: email="[jdavis2@jhu.edu](#)"
7. On **line 6**,
 - a. **Remove** #FILLIN
 - b. **Replace** token with your personal access token from steps 9 and 10 in the ["Creating a token for logging in"](#) section.
 - c. Line 6 should look like the following example:
token="ghp_lqIMN0ZH6z0wIEB4T9A2g4EHMy8Ji42q4HA5"
8. **Save** the file by clicking File > Save.
9. **Return** to the Terminal window/program.
10. Type **conda install gh** and press <return>.
11. **Run** the setup script on the Terminal by typing the following and pressing <return>: **bash code/github_setup.sh**

Questions?

Email a TA! You can also reference [this Github tutorial](#), which includes helpful screenshots of the token generating process.