Note: Guide created for https://github.com/GWC-UNCC/Git-Intro

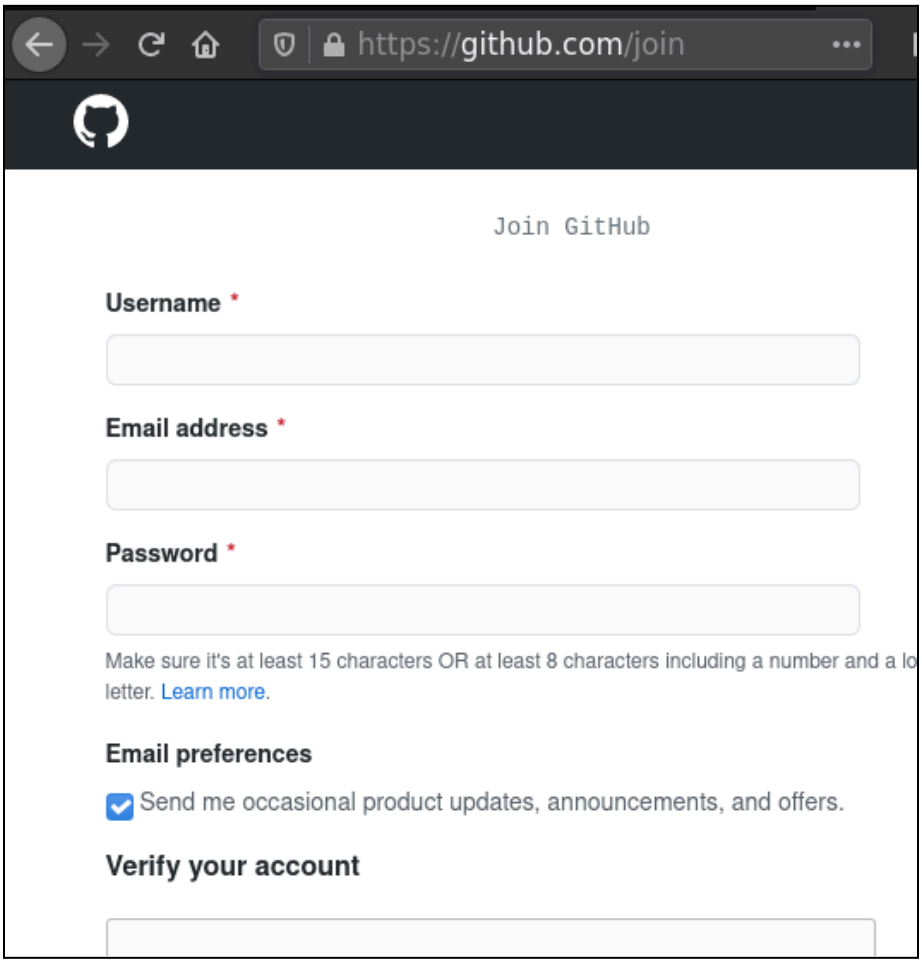
Video for setup also available here - GitHub Workshop: Setup & Basics (up to 19 min)

GitHub

Sign-Up

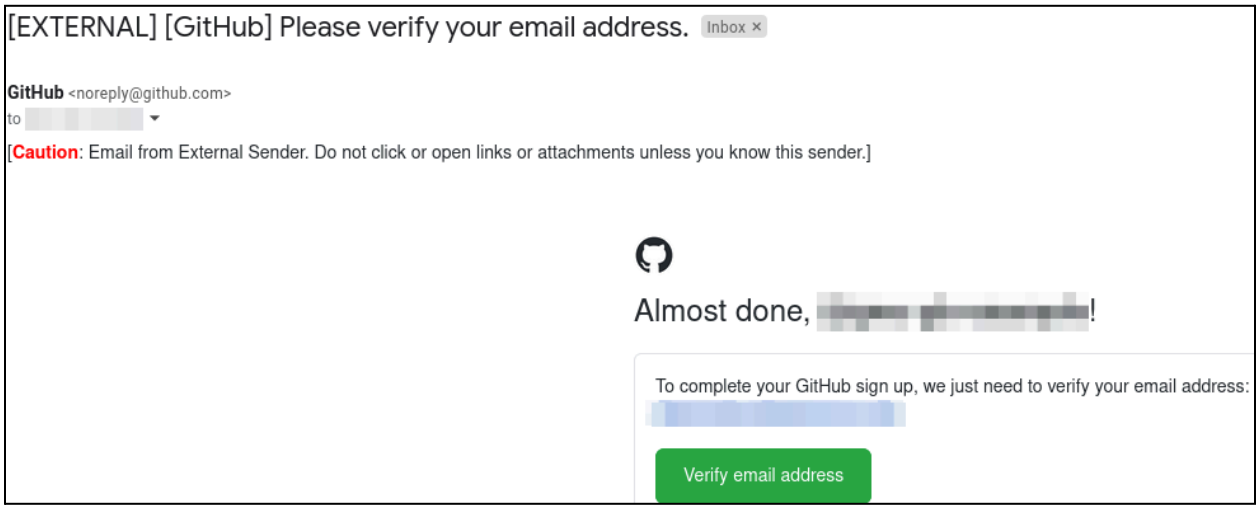
Option 1: Normal Sign-Up (3 steps)

1. Go to https://github.com/join



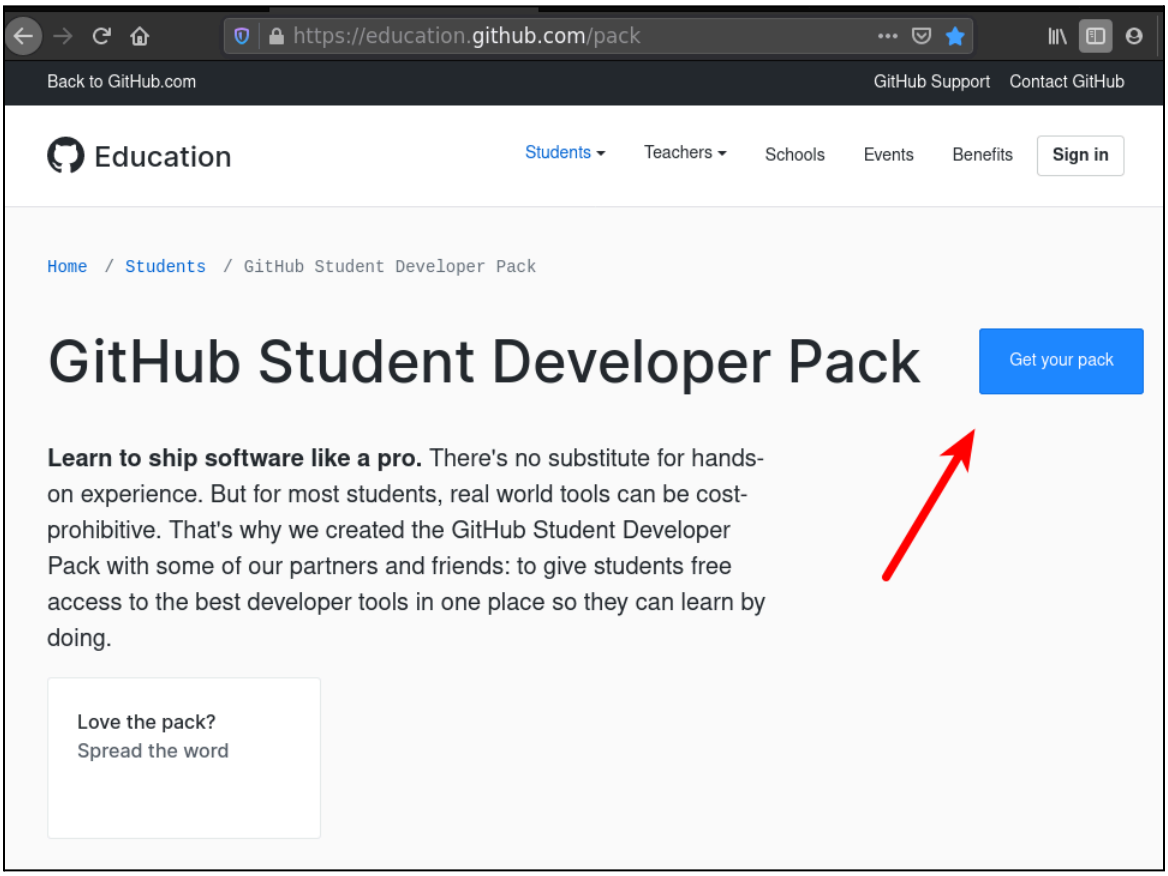
2. Choose a username and fill out the information needed, entering your @uncc.edu email address will make this process easier for the Student Pack instructions.

3. Verify your email address. You should get an email from: noreply@github.com

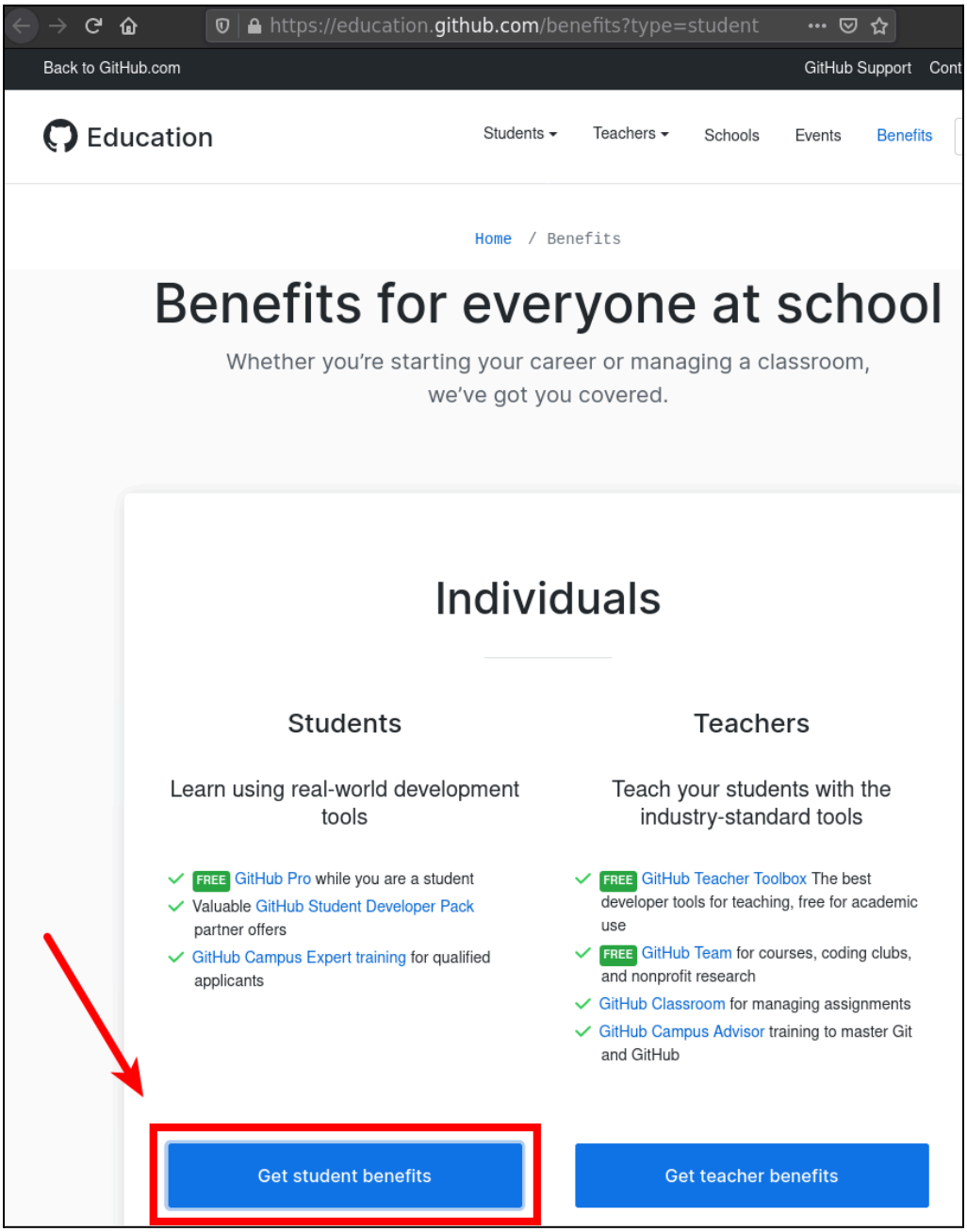


Option 2: Sign-Up w/Student Pack Registration (6 steps)

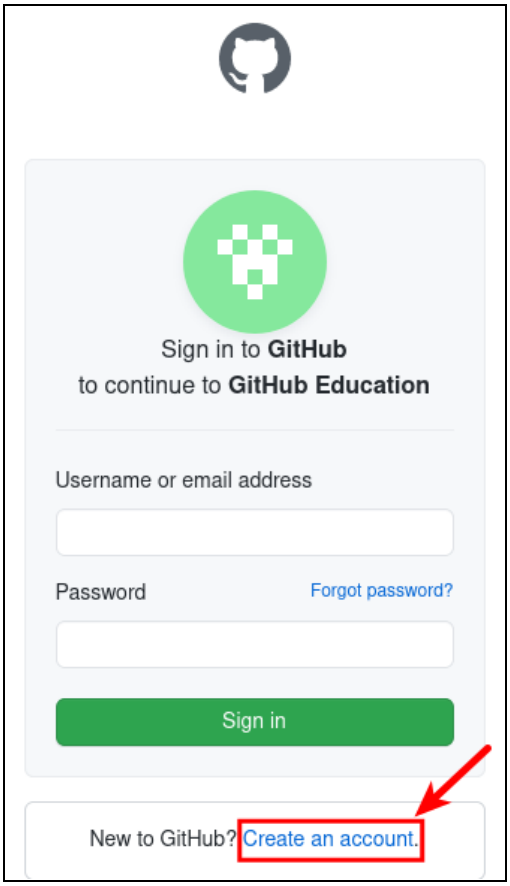
1. Go to https://education.github.com/pack
2. Click the “Get your pack” button



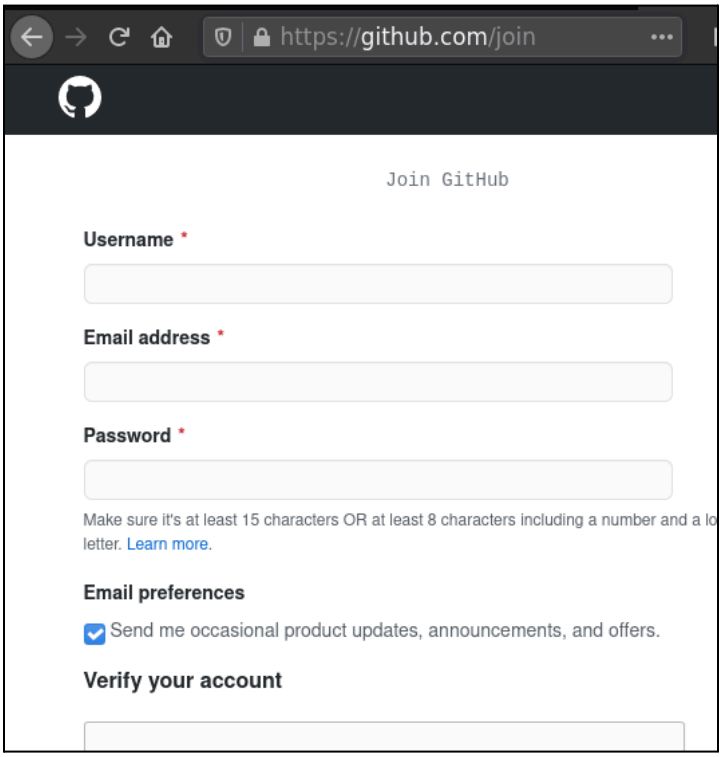
3. Click the “Get student benefits” button



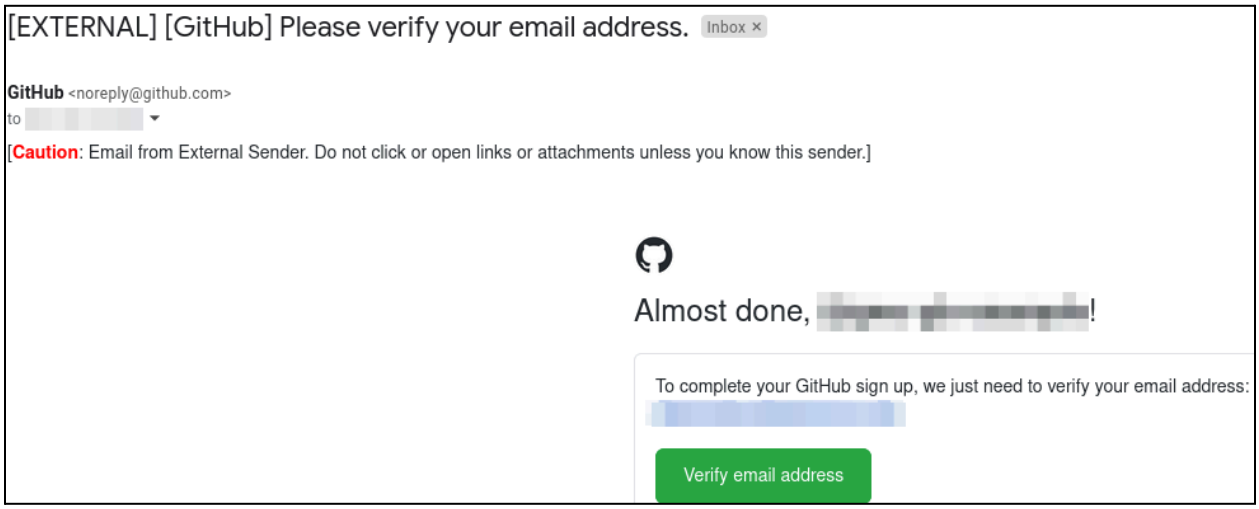
4. Click “Create an account” link



5. Choose a username and fill out the information needed, entering your @uncc.edu email address will make this process easier for the Student Pack instructions.



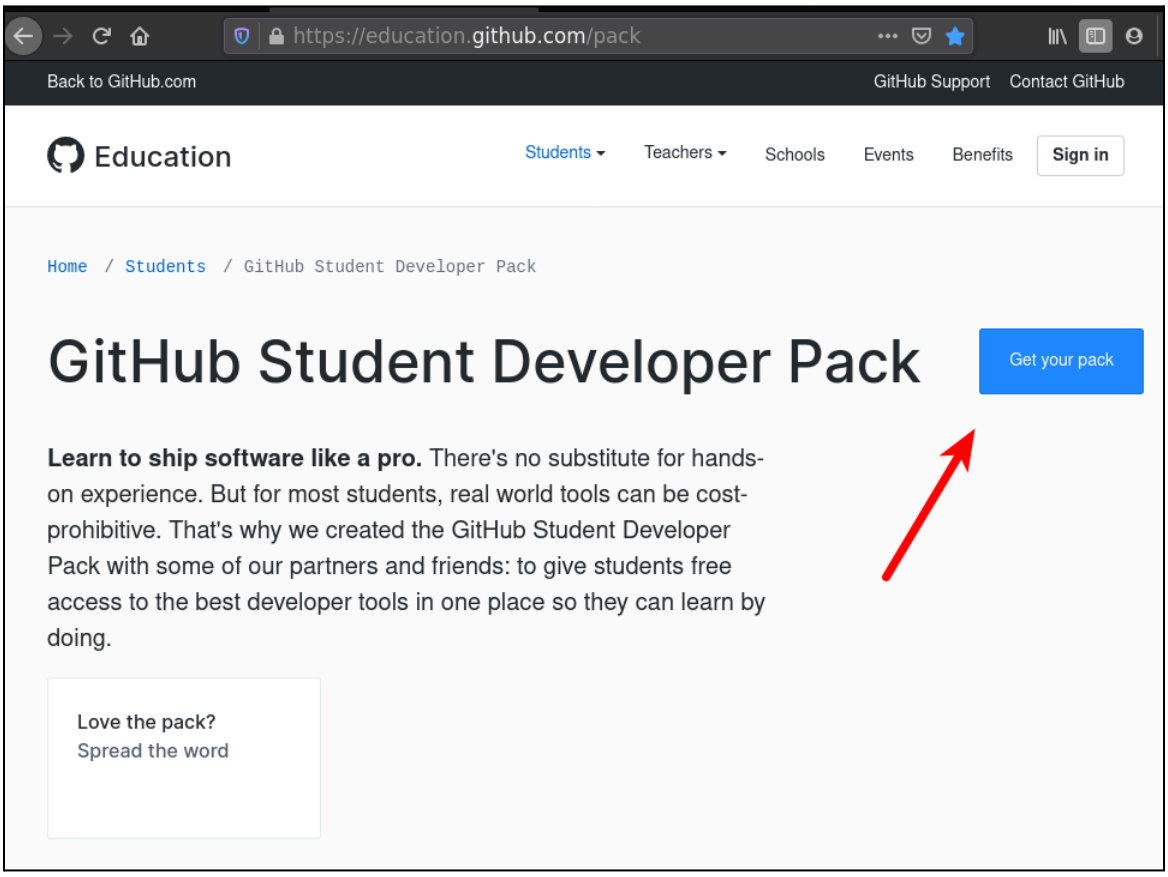
6. Verify your email address. You should get an email from: noreply@github.com



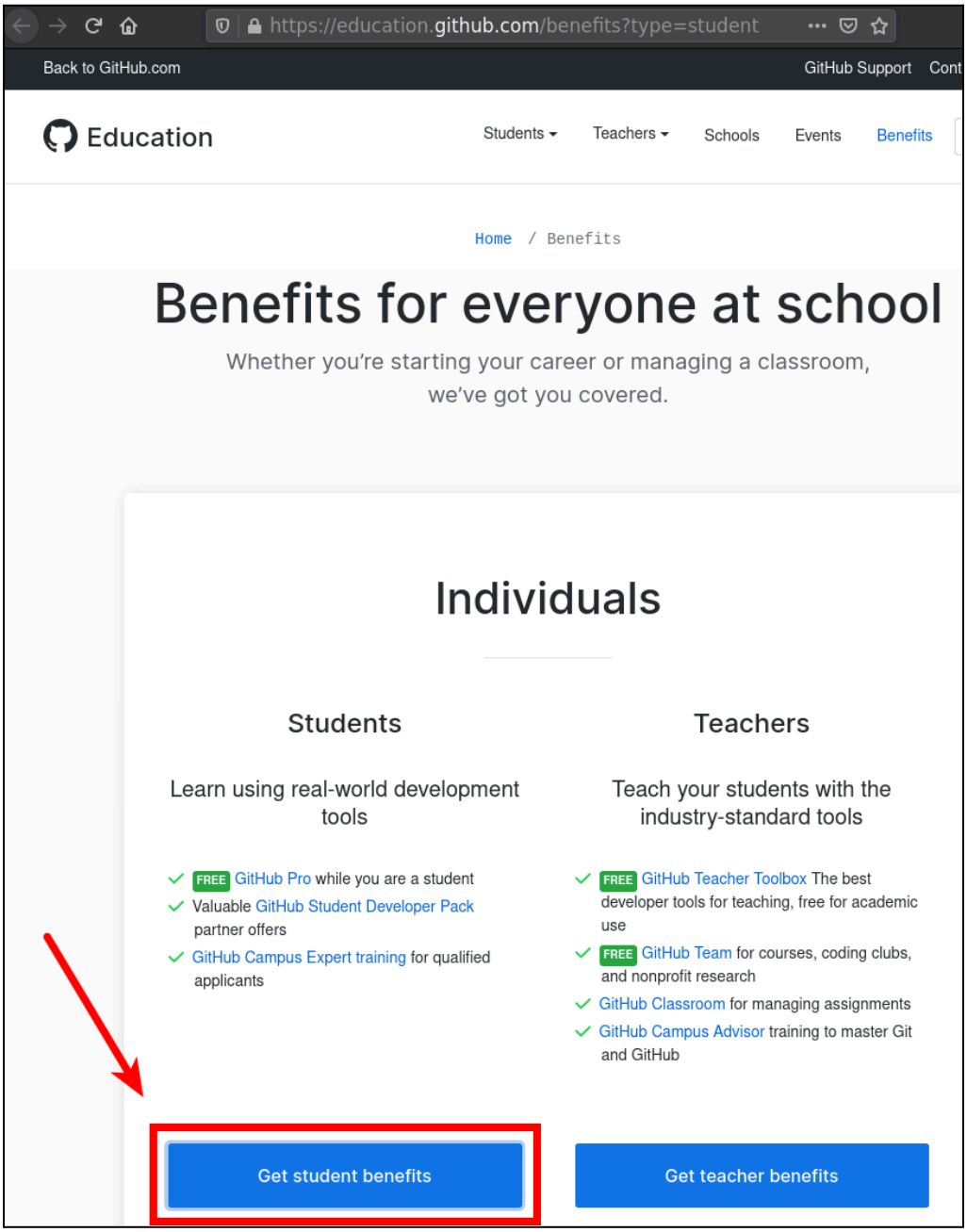
Student Pack (6 steps)

Once you have completed the Sign-Up step above, you can follow this step. If you followed Option 2, then you can go to step number 4 directly from here.

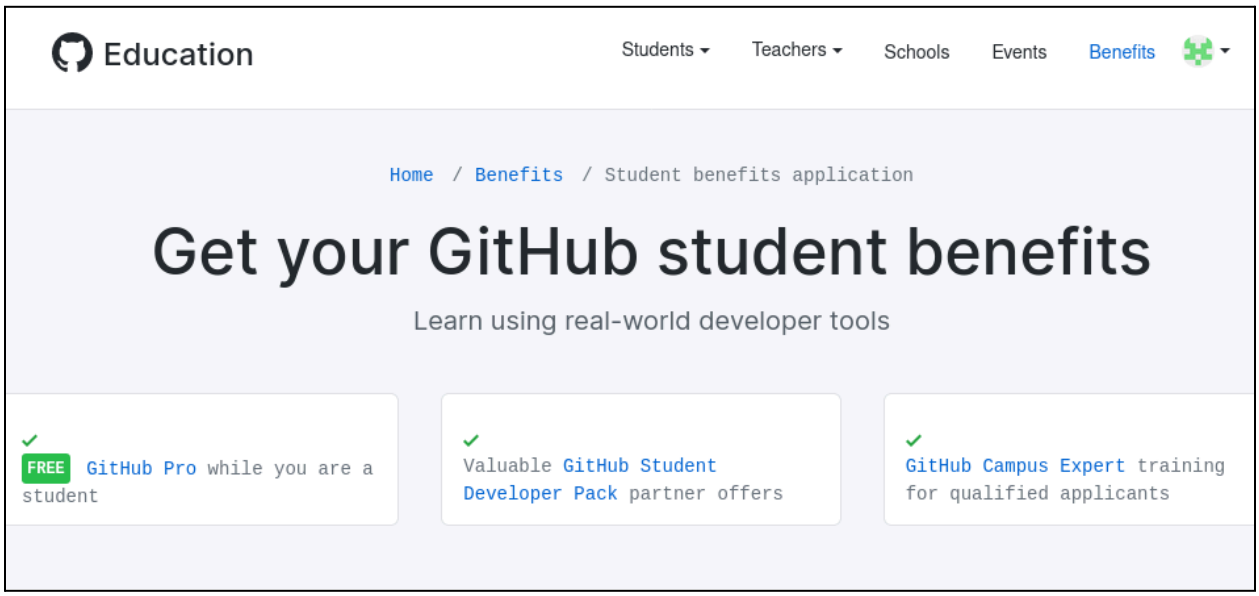
1. Go to https://education.github.com/pack
2. Click the “Get your pack” button



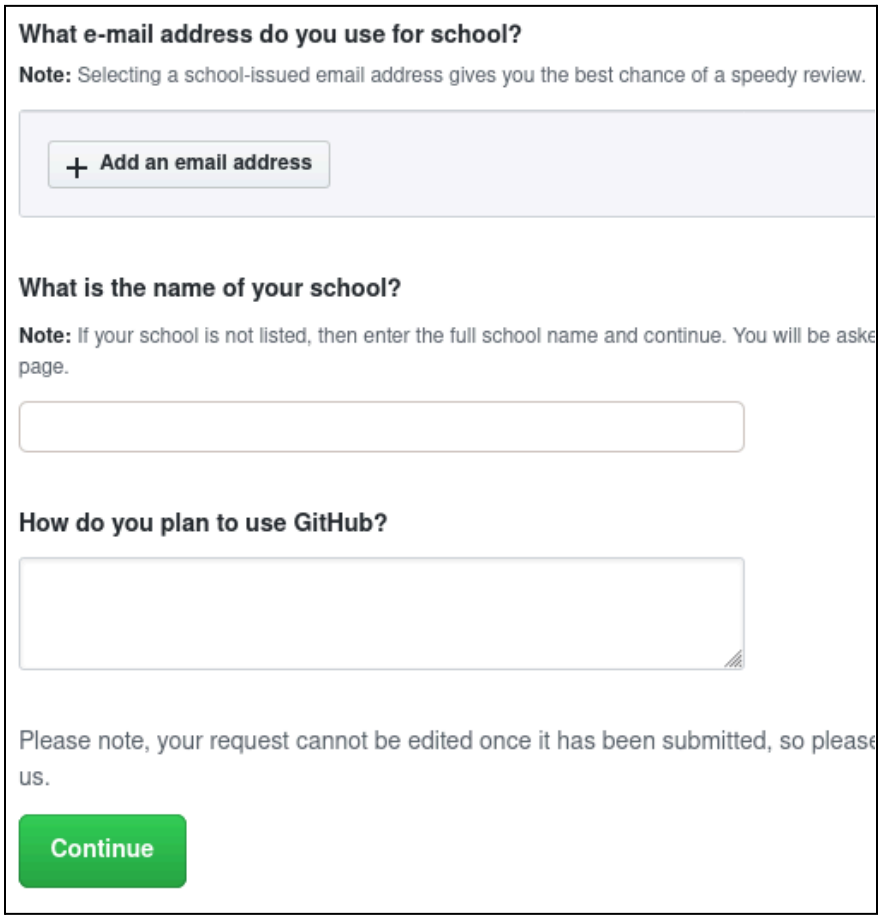
3. Click the “Get student benefits” button



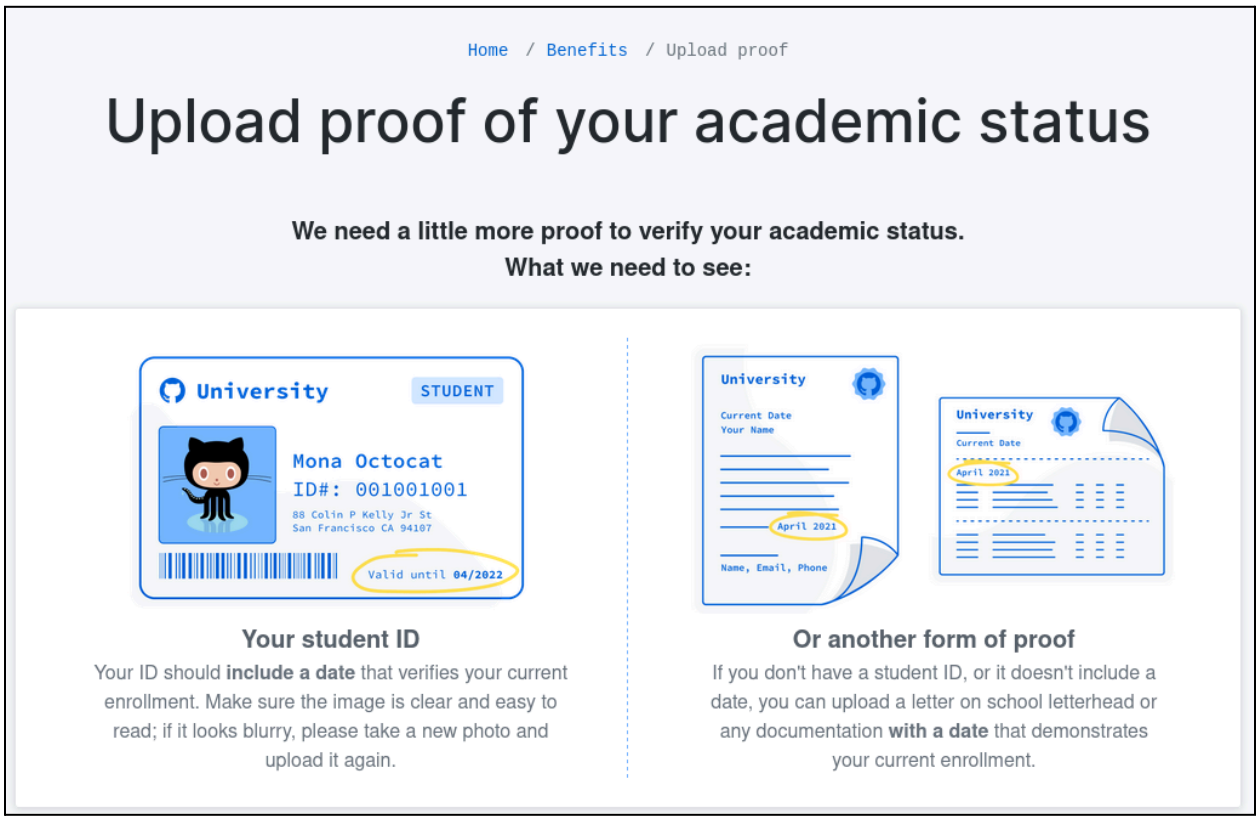
4. You should be directed to a page that looks like this:



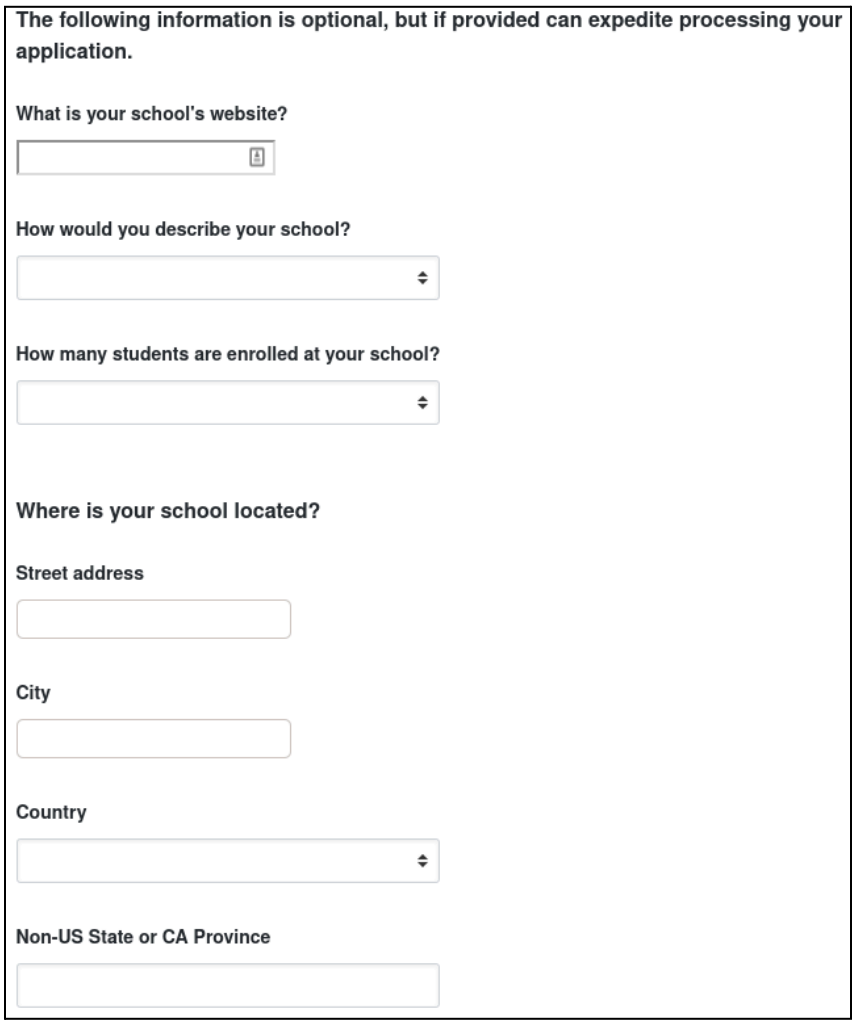
   a. Fill out your request, and click “Continue”



5. Submit picture of school ID



a. Fill out the form below it (tentative) and click “Process my application”



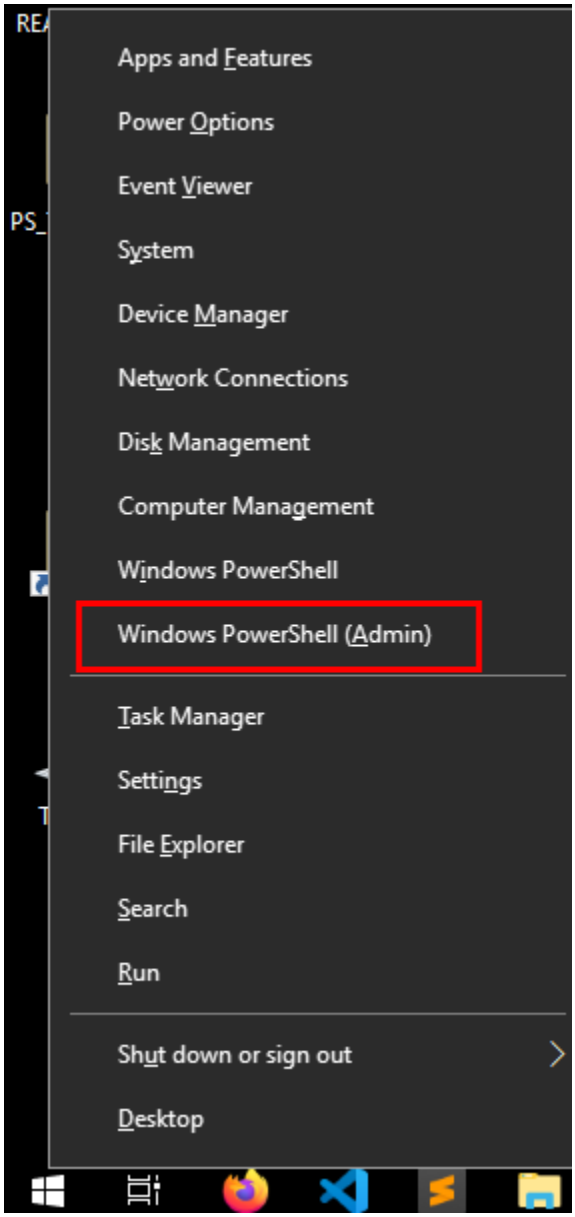
6. Wait for validation 🙂

Git

Windows

Prep: Install Chocolatey (administrative rights required) (preferred method) (3 steps)

1. Open up an Administrative PowerShell window
    a. Press Shift + Right click the windows logo (bottom left corner)
    b. Click on the “Windows PowerShell (Admin)” option



    c. Click “Yes” at the administrative prompt

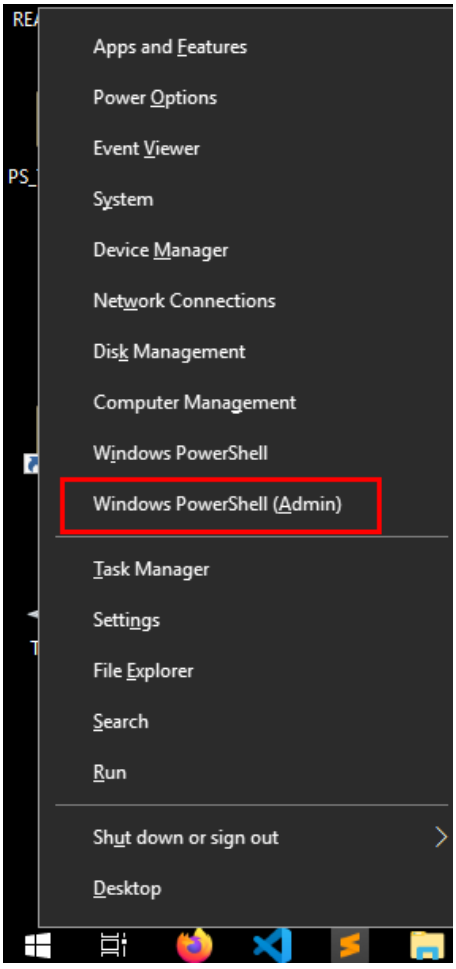
2. Navigate to here: https://chocolatey.org/install#install-step2 or **copy the entire command** from below (this is the second step on the website) and hit *Enter*
   Do not separate parts of the command, paste the entire thing and hit enter

```
Set-ExecutionPolicy Bypass -Scope Process -Force;
[System.Net.ServicePointManager]::SecurityProtocol =
[System.Net.ServicePointManager]::SecurityProtocol -bor 3072; iex ((New-Object
System.Net.WebClient).DownloadString('https://chocolatey.org/install.ps1'))
```

   a. Normally you **DO NOT** want to run random things from your administrative powershell window, but chocolatey is a well vetted and used windows application.
3. Let the installation finish, and type *choco* and hit *Enter* . The command should output some white text (if you see red text, ask for help)

Installation of Git (2 steps)

1. Open up an Administrative PowerShell window
   a. Press Shift + Right click the windows logo (bottom left corner)
   b. Click on the “Windows PowerShell (Admin)” option



   c. Click “Yes” at the administrative prompt

2. Using chocolatey install git:

```
choco install git -confirm
```

OSX (4 steps)

You either have git installed or it should be relatively easy to install git. According to this article you should to do this to install it:

1. Launch a terminal.
2. Then type git
3. Hit Enter
4. If you have it, then it should output some help information, and if you don't then it should prompt you to install it.

Linux

Since there are so many distributions of Linux we are linking to a guide on how to install git: https://git-scm.com/download/linux

Hugo

For reference we are pulling most instructions from the hugo website.

Windows

Installation

Chocolatey (preferred) (1 step)

1. Run the following command:

```
choco install hugo-extended -confirm
```

    a. We are installing the extended version of Hugo to ensure that if we run into any themes that use Sass/SCSS, that our machines can compile that.

Not Chocolatey (advanced)

Follow this video: https://youtu.be/G7umPCU-8xc
Or these steps: https://gohugo.io/getting-started/installing/#windows

macOS (3 steps)

1. Launch a terminal
2. Install brew: https://brew.sh#install (run the command below)

```
/bin/bash -c "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

3. Install hugo

```
brew install hugo
```

If the above doesn't work this should:

```
hugo_version="$(curl -sLI -o /dev/null -w '%{url_effective}'
"https://github.com/gohugoio/hugo/releases/latest")"; curl -fsSLo -
"https://github.com/gohugoio/hugo/releases/download/$( echo
"${hugo_version##*/}" )/hugo_extended_$( echo "${hugo_version##*/}"
| grep -oE
'[[:digit:]]+\.[[:digit:]]+\.[[:digit:]]+')_macOS-64bit.tar.gz" |
sudo tar -C /usr/local/bin/ -xzvf - hugo
```

Linux (2 step)

Ubuntu

1. Launch a terminal

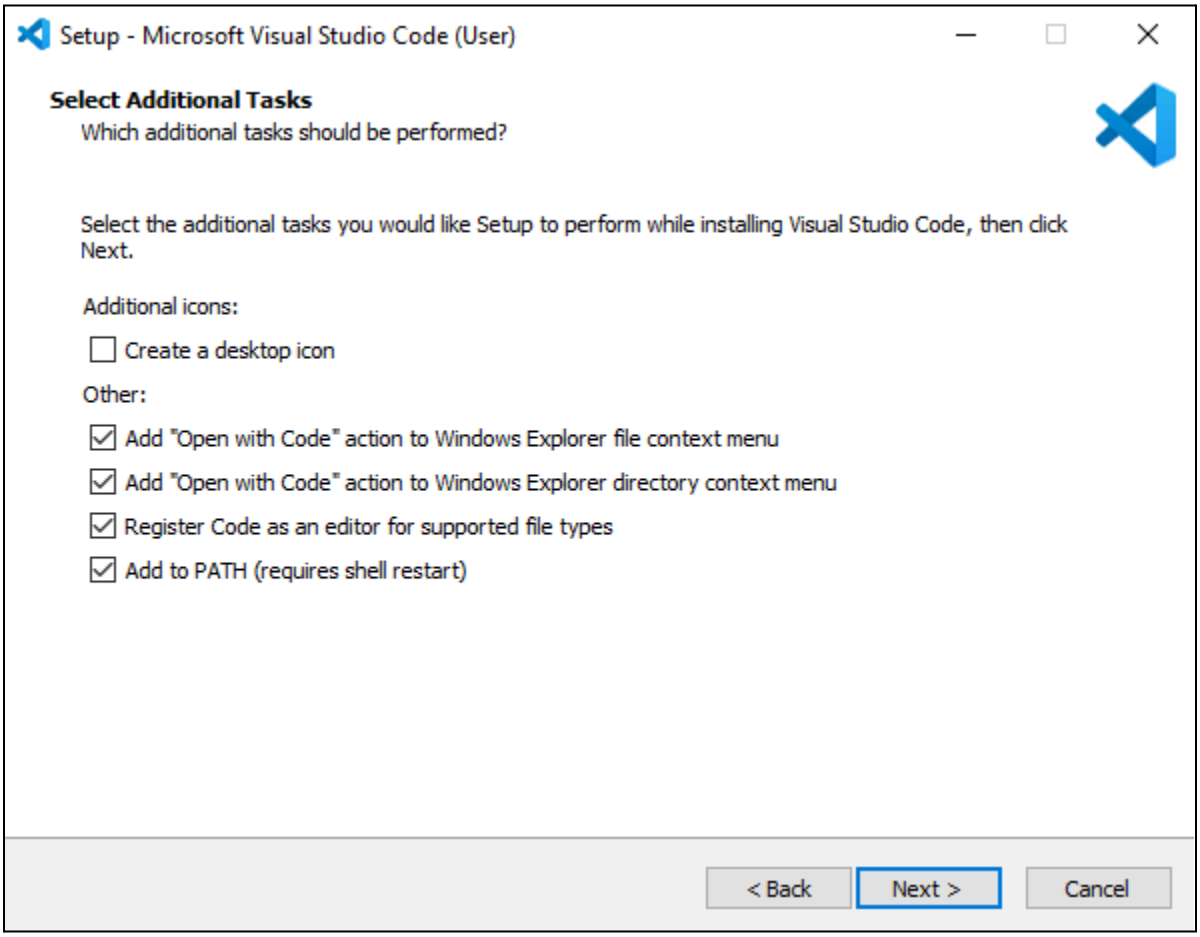
2. Install hugo

```
snap install hugo --channel=extended
```

VSCode

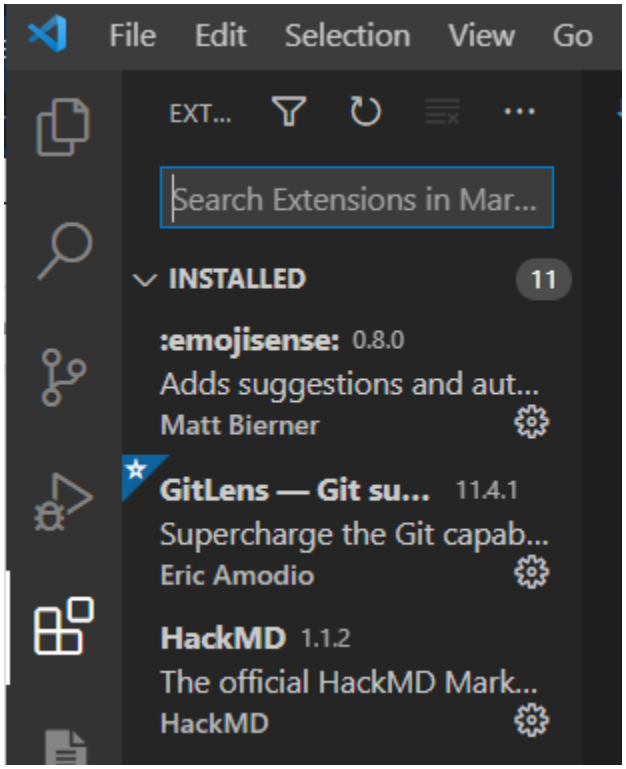
Installation (2 steps)

1. Download VSCode's installer for your platform: https://code.visualstudio.com/Download
2. Install the application
    a. Windows - accept the defaults, except for the page below. Match the picture:



Configuration

Open VS Code and click on the box icon in the left side panel



Install these plugins by typing their names (bolded below) into the search bar and clicking the install button next to their name (“&” separates two plugins)

```
toml: be5invis.toml
help with git: eamodio.gitlens
hugo stuff: budparr.language-hugo-vscode
html tags: formulahendry.auto-rename-tag & formulahendry.auto-close-tag
markdown: davidanson.vscode-markdownlint & yzhang.markdown-all-in-one
```

https://www.vscodecandothat.com/ for more tips and tricks
Potentially other hugo plugins, but some of them appear to be out of date/abandoned:
https://gohugo.io/tools/editors/#visual-studio-code