Before You Start, Install

This is all the programs you will need to install on your computer in order to edit the website. This guide assumes that you are using a Windows machine. If you are on a Mac, Homebrew is the best option and is very similar to Scoop (although Homebrew puts a lot of beer stein emojis in your terminal when it's running, so it is infinitely cooler).

You will need to install the following:
1. Visual Studio Code - the editor
2. Scoop - a package manager for Windows
3. Git - a file version manager
4. Go - a programming language that is built for making easy, simple software
5. Hugo - the framework that the site is built on; Hugo is built on Go

Note

In this guide there are a few times where you will see code to run in powershell (terminal on Mac, and sometimes the code is a little different). This code is always prefaced with a '$'. This is a common practice in writing about programming. Do **NOT** type or paste the $ in your command line, just the stuff after it.

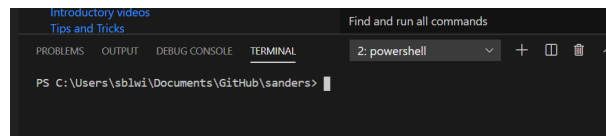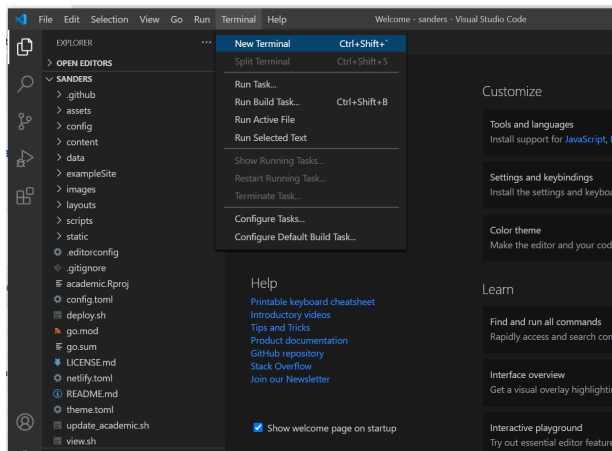## Visual Studio Code (VS Code) - https://code.visualstudio.com/

VS Code is an awesome programming editor. You will likely use it to edit the files of the website. It is the best there is at balancing ease of use with workhorse abilities. And it is free!

1.   Click the Download for Windows button.
2.   When the download finishes, double-click the installer.
3.   Click through the options, the defaults are fine. When asked for a Desktop shortcut, say YES.
4.   Open VS Code from your desktop shortcut. You will need it to install the rest of the programs.

Scoop - https://scoop.sh/

Scoop is a package manager for Windows. It allows you to install some programs very quickly from the command line.

1.   Open VS Code and the open the Terminal. Make sure it is a powershell and not the regular command prompt. It will say powershell in the dropdown box.

2.   Run the following command.

```
$ Invoke-Expression (New-Object System.Net.WebClient).DownloadString('https://get.scoop.sh')
```

3.   To verify that scoop installed correctly, run:

```
$ scoop help
```

Git - https://git-scm.com/downloads

Git is kind of like the Google Docs of programming. In fact, I would assume that the idea for Google Docs came partially from Git, itself. Git was made as a version manager for app development, and it is very powerful. You will use just a few git commands to ensure you have the latest website data and can update the website.

1.   After installing scoop, run the following:

```
$ scoop install git
```

2.   Verify it worked, by running:

```
$ git status
```

Go - https://golang.org/

1.   Run the following:

```
$ scoop install go
```

Hugo - https://gohugo.io/getting-started/installing/

1.   Run the following:

```
$ scoop install hugo-extended
```

2.   Verify that it installed correctly by running the following. When you do, you will get some info that ends with a line that reads *Press Ctrl+C to stop*. The line above that will read something like *Web Server is available at //localhost:1313/*... Copy the *//localhost:1313/* and paste it into the url bar of your favorite browser (Google Chrome). Voila!

```
$ hugo server
```

3.   When you are done running the site on your laptop (in what is called *development*), press *Ctrl+C* to shutdown the hugo server.