**Website Code Guide for Brett – By Kara**

# How to use GitHub

1. Log into GitHub
2. Click your profile icon in the top right corner 🡪 select Your repositories 🡪 select brettwintersmusic
3. You are now in your website’s GitHub repository (repo for short).
4. You can now see the code for your website. What you’re looking at is called the **root** folder. To view an individual file, click the desired one. The main pages are visible immediately in the root. To view the pages that have lyrics on them (lyric pages), click into the music folder.
5. How to edit a file:
   1. Click into the file so that you can see the code.
   2. Click the pencil on the top right of the code window.
   3. Enter your changes.
   4. Scroll down to the Commit changes window. In the short bar type a short description of what you did. For example, “Replaced home page art image and caption with A Little Piece”.
   5. Click the green Commit changes button. This will update your website immediately! There’s no easy way to test your changes first without some software and more coding training…
   6. (Click the red Cancel button if you change your mind).

# How to use VS Code (Visual Studio Code)

1. Open the website folder in VS Code. File 🡪 Open Folder… 🡪 select the brettwintersmusic folder.
2. Open a terminal. Terminal 🡪 New Terminal 🡪 select Bash from the dropdown menu if a Bash terminal is not already open. (To set Bash as the default, select Configure Terminal Settings from the drop-down menu 🡪 in the settings window click Terminal > Integrated > Default Profile (or type “Default Profile” in the search bar) 🡪 select Bash from the drop-down menu.
3. Before making any changes to the files, **git pull** in the terminal to get any changes that were already made to the repository by Kara onto your computer. Use your GitHub username, then use your personal access token in the password prompt by copying it and right clicking to paste.
4. **git status** tells you whether you have made changes to any files since your last push. It also tells you what files need to be added, committed, or are ready for pushing.
5. To change a file, simply edit the code.
6. To change the website code guide, make your changes, save, and then exit Microsoft word before doing anything else.
7. To add a file, click the small add file icon on the left where the rest of the folders and files appear, put it in the correct folder, and then edit the file. Make sure to name it appropriately. Copy and paste any sample text needed from this document into the file if necessary.
8. To see what your changes would look like after they are pushed to the actual website, click Go Live in the bottom right corner. This will open up a desktop view. To view what they will look like on mobile, see [How to preview site on mobile](#_How_to_preview) after going live.
9. End the live host by clicking Port: 5500 in the bottom right corner, or by simply closing VS Code.
10. Make sure that you are satisfied with how your changes look on both desktop and mobile, and make sure that you have not put any sensitive data or any other information that you do not want to be public in the code. (The GitHub repository is private, so people cannot view it in GitHub. However they can easily inspect the code from the actual website, which is public. This document cannot be seen by anyone because it is not used anywhere in the website code. But if you reference a document in the code, or put information itself directly in the code, then that information will be available for the public and web crawlers. I don’t recommend putting sensitive data in this document even though it cannot be viewed from the website.)
11. To make your changes to the website official:
    1. **git add [all files changed with spaces in between]** or **git add \*** (\* adds all new or changed files) in the terminal. This stages your changes for commit. **git status** to check that all the files you wanted to add have been added.
    2. **git commit -m “[short message describing what changes you made]”** in the terminal. This commits the changes you added, grouping them into an official update that you want to make. **git status** to check.
    3. **git push** in the terminal. Enter your GitHub username in the username prompt that pops up. Then copy your personal access token and paste it into the password prompt that pops up by right clicking once. This sends your committed changes to the GitHub repository, changing what is actually on the website. **git status** to check.
12. “Directory” and “folder” are interchangeable terms.
13. Notes for the Bash terminal:
    1. **ls** 🡪 lists all files and folders in the working (current) directory.
    2. **cd** 🡪 change directory. **cd ..** takes you to the parent directory. **cd [directory name]** takes you to a child directory.

# How to preview site on mobile

1. Go on mobile internet browser and type in website bar [IP address]:[Port #]
2. Port # can be found in bottom right corner of Visual Studio Code Terminal after clicking “Go Live” to preview your website on desktop. (It is usually 5500). IP address can be found in your settings, via the command prompt, or from where you have written it down.

# How to upload an image

1. From your computer (best option):
   1. Name your image appropriately, based on what it’s for. (Consult directions from other sections for help with this).
   2. Put your image in the brettwintersmusic 🡪 images folder.
   3. Add, commit, and push your changes. Or wait until you have added the rest of the code you need for this update, and then add, commit, and push all changes at once.
2. In GitHub (don’t do this):
   1. Open the images folder in the repository.
   2. Make sure your image is appropriately named on your own computer first so that the style and capitalization is consistent with the other images in the repository. (Underscores between words).
   3. Click Add file 🡪 Upload files
   4. Drag the image(s) into the box or click choose your files and select it/them.
   5. Add a commit message and click Commit changes.

# How to change the home/landing page (index.html)

1. Upload/add any image you will want to use (see [How to upload an image](#_How_to_upload)).
2. Open index.html in VS Code and edit it.
3. Look at my notes in red below. (The red is not in the actual file and is not code. Green text are comments in the code itself).

  <div class="body-container">

    <div class="home-page-display">

      <!-- HOME PAGE ALBUM ART HERE -->

      <img src="images/a\_little\_piece.jpeg"> 🡪 replace “a\_little\_piece.jpeg” with the name of the image you uploaded. Make sure to keep the “images/” part there.

      <!-- HOME PAGE TEASER TEXT HERE -->

      <h1>

        Turn the dial on our little piece 🡪 replace first line with desired text.

      </h1>

      <h2>

        When infernos <br> scathe the path we know, love... 🡪 replace second line with desired text. “<br>” is a line break.

      </h2>

      <!-- HOME PAGE RELEASE DATE HERE -->

      <p id="date">

        \*1/22/23\* 🡪 replace date with desired date.

      </p>

    </div>

  </div>

1. Test your changes using the live server. Then add, commit, and push the changes.

# How to update the shows page (shows.html)

1. Open shows.html in VS Code and edit it.
2. Find the following piece of code and make changes as described by my notes in red:

  <div class="side-container">

    <div class="row">

      <div class="col-even">

        <!-- SEASON YEAR -->

        <h2>Winter 2023</h2> 🡪 Replace text in between with the season and year

        <!-- DATE - PLACE, TIME -->

        <p>1/5/23 — Catalyst Wine (Rhinelander), 6-8:30pm</p> 🡪 Replace text in between with the date, place, and time.

        <!-- LIST MORE HERE IF THERE ARE MULTIPLE SHOWS -->

If there are more shows, list them here, using a h2 tag to separate seasons and using a p tag for each individual show. See the syntax for those in the lines above.

        <!-- bottom of show list -->

        <p>Check out my <a href="https://www.facebook.com/brettwintersmusic">Facebook</a> or <a href="https://www.instagram.com/brettwintersmusic/">Instagram</a> page for more details.</p>

      </div>

      <div class="col-even">

        <!-- PHOTO -->

        <div class="shows-display">

          <img src="images/shows.jpeg"> 🡪 If you want to replace the image, it goes here.

        </div>

      </div>

    </div>

  </div>

1. Test your changes using the live server. Then add, commit, and push the changes.

# How to create a new file in GitHub

(An alternative to creating the file on your computer, editing it in VS Code, and then pushing it. You can create a file in the corresponding folder directly in GitHub and then commit your changes).

1. In the repository click into the folder you need to create a file in.
2. Click Add file 🡪 Create new file.
3. Name the file appropriately and add the appropriate code.
4. Add commit message and Commit changes.

# How to add lyrics

1. Upload whatever art you will be using to accompany the song or album to the repository (see [How to upload an image](#_How_to_upload)).
2. Create a lyric file:
   1. Create a file named **my-song-name-lyrics.html** (but replace my-song-name with the actual song name. Look at the other lyric files to see the format) in brettwintersmusic 🡪 music 🡪 lyrics in VS Code.
   2. Enter the lyrics. Put **<br>** at the end of every line (including blank lines). See the example below.

We stalled it for rain<br>

The clod in our minds winnowed<br>

And only for weeks<br>

full of harbored reprieve, it showed<br>

Turn the dial on our little piece<br>

When infernos scathe the path we know, love<br>

<br>

Feigning dawn, we're reeling low<br>

No paradise to steal away<br>

Running far won't sate the flume, though<br>

And in time we're whole alone<br>

We're free to fall and we're free to lay<br>

Running far to make our way home<br>

<br>

2/23/22<br>

* 1. Save the file.
  2. Repeat for however many songs you are going to add.
  3. P.S. You can edit any of the lyrics at any point by editing the corresponding files in the lyrics folder.

1. Create the lyric page file:
   1. Create a file named **my-song.html** (but replace my-song with the actual song name. Look in the music folder in the repository to see the format) in the brettwintersmusic 🡪 music folder in VS Code.
   2. Copy and paste the appropriate template code from the end of this word document (depending on whether you are posting the lyrics for a single or an album) into the lyric page file.
   3. Replace the necessary pieces of code (see the notes with the templates).
   4. Save the file.
2. Update the music page:
   1. Open music.html in VS Code.
   2. Look for <!-- ADD LYRIC PAGES HERE --> and add the following code under that line, replacing the square brackets [] with the actual values:

<div class="music-album-container">

        <a href="music/[lyric-page-name.html]">

          <img src="images/[image-name.jpeg]">

          <p>[Song/Album Name and Year for Display]p>

        </a>

      </div>

* 1. Save the file.

1. Update the last song/album’s backlink:
   1. Open the file to the most recently posted lyric page (the one posted before the one you’re adding now) from the music folder in VS Code.
   2. Find the following line in the code, replace the square brackets [] with the actual values, and delete the word **hidden**:

<a href="[lyric page]" class="back-page" hidden><span class="fa fa-arrow-left"></span> [song/album name]</a>

1. Save changes.
2. Test your changes using the live server. Then add, commit, and push the changes.

# Single Lyric Page Template

1. Name the file the name of the song, all lowercase, with dashes in between the words, and with the .html file extension. For example: **a-little-piece.html**
2. Copy and paste the following code into the file. Then look at the comments to see where you need to edit and do so, replacing the square brackets [] in that line with the actual details.

<!DOCTYPE html>

<html lang="en-us">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="stylesheet" href="../styles.css">

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<link rel="shortcut icon" type="image/x-icon" href="favicon.png">

  <title>[Song Name (Year)] — Brett Winters</title> <!-- EDIT HERE -->

</head>

<body>

  <header>

    <div class="topnav" id="nav-links">

      <a href="../index.html" id="logo">Brett Winters</a>

      <a href="../contact.html">Contact</a>

      <a href="../about.html">About</a>

      <a href="../music.html">Music</a>

      <a href="../shows.html">Shows</a>

      <a href="javascript:void(0);" class="icon" onclick="navbar()">

        <i class="fa fa-bars"></i>

      </a>

    </div>

  </header>

  <div class="body-container">

    <div class="half-grid-container">

      <div class="album-container">

        <img src="../images/[song-art-file-name].jpeg"> <!-- EDIT HERE -->

      </div>

      <div>

        <h3>[Song Name (Year)]</h3> <!-- EDIT HERE -->

        <p>Listen to the song:

          <a id="inline-icon" href="[appropriate link]" class="fa fa-spotify" target="\_blank"></a> <!-- EDIT HERE -->

          <a id="inline-icon" href="[appropriate link]" class="fa fa-apple" target="\_blank"></a> <!-- EDIT HERE -->

          <a id="inline-icon" href="[appropriate link]" class="fa fa-bandcamp" target="\_blank"></a> <!-- EDIT HERE -->

          <a id="inline-icon" href="[appropriate link]" class="fa fa-soundcloud" target="\_blank"></a> <!-- EDIT HERE -->

          <a id="inline-icon" href="[appropriate link]" class="fa fa-youtube-play" target="\_blank"></a> <!-- EDIT HERE -->

        </p>

        <!-- lyrics -->

        <div class="lyrics" id="[song-name]" file="lyrics/[song-name].html"></div> <!-- EDIT HERE -->

        <!-- credits -->

        <hr>

        <p>Written, recorded, arranged, and produced by Brett Winters @ Be Light Studio</p>

      </div>

    </div>

    <!-- song/album navigation -->

    <div class="lyric-link-container">

      <a href="[lyric page]" class="back-page" hidden><span class="fa fa-arrow-left"></span> [song/album name]</a> <!-- DO NOT CHANGE THIS LINE -->

      <a href="[last-lyric-page].html" class="next-page">[Last Song/Album Name (Year)] <span class="fa fa-arrow-right"></span></a> <!-- EDIT HERE -->

    </div>

  </div>

  <footer>

    <div class="media-icons">

      <a href="https://linktr.ee/brettwinters" class="fa fa-link" target="\_blank"></a>

      <a href="https://open.spotify.com/artist/7i32tg6VjlklR9itEibYCs?si=uPECrGM1RAaUa5n4tFql9A&nd=1" class="fa fa-spotify" target="\_blank"></a>

      <a href="https://music.apple.com/us/artist/brett-winters/1511207556" class="fa fa-apple" target="\_blank"></a>

      <a href="https://brettwinters.bandcamp.com/" class="fa fa-bandcamp" target="\_blank"></a>

      <a href="https://soundcloud.com/brettwinters" class="fa fa-soundcloud" target="\_blank"></a>

      <a href="https://www.youtube.com/channel/UCHPNNq4DB7mwKDrnJrMxefw" class="fa fa-youtube-play" target="\_blank"></a>

      <a href="https://www.instagram.com/brettwintersmusic/" class="fa fa-instagram" target="\_blank"></a>

      <a href="https://www.facebook.com/brettwintersmusic" class="fa fa-facebook" target="\_blank"></a>

  </div>

    <p>Website development by <a href="https://karabrownie.github.io/books/contact.html" target="\_blank">Kara Brown</a>.</p>

  </footer>

</body>

<script src="../navbar.js"></script>

<script defer src="include-html.js"></script>

</html>

1. Look at the code for a-little-piece.html for an example.
2. Delete entire link lines (they are encapsulated by <a></a>) if you need to. Notice that each of those links have **spotify** or another descriptor in the class attribute.

# Album Lyric Page Template

1. Name the file the name of the album, all lowercase, with dashes in between the words, and with the .html file extension. For example: **closet-heart.html**
2. Copy and paste the following code into the file. Then look at the comments to see where you need to edit and do so, replacing the square brackets [] in that line/section with the actual details.

<!DOCTYPE html>

<html lang="en-us">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="stylesheet" href="../styles.css">

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

<link rel="shortcut icon" type="image/x-icon" href="favicon.png">

  <title>[Album Name (Year)] - Brett Winters</title> <!-- EDIT HERE -->

</head>

<body>

  <header>

    <div class="topnav" id="nav-links">

      <a href="../index.html" id="logo">Brett Winters</a>

      <a href="../contact.html">Contact</a>

      <a href="../about.html">About</a>

      <a href="../music.html">Music</a>

      <a href="../shows.html">Shows</a>

      <a href="javascript:void(0);" class="icon" onclick="navbar()">

        <i class="fa fa-bars"></i>

      </a>

    </div>

  </header>

  <div class="body-container">

    <div class="half-grid-container">

      <div class="album-container">

        <img src="../images/[album-art-file-name].jpg"> <!-- EDIT HERE -->

      </div>

      <div>

        <h3>[Album Name (Year)]</h3> <!-- EDIT HERE -->

        <p>

          Listen to the full album:

          <a id="inline-icon" href="[Appropriate Link]" class="fa fa-spotify" target="\_blank"></a> <!-- EDIT HERE -->

          <a id="inline-icon" href="[Appropriate Link]" class="fa fa-apple" target="\_blank"></a> <!-- EDIT HERE -->

          <a id="inline-icon" href="[Appropriate Link]" class="fa fa-bandcamp" target="\_blank"></a> <!-- EDIT HERE -->

        </p>

        <p>Click for lyrics:</p>

        <!-- EDIT ALL NECESSARY DETAILS BELOW HERE -->

        <h4 class="song" onclick="openTab('t1')">[Song Name]</h4>

        <div id="t1" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-1-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t2')">[Song Name]</h4>

        <div id="t2" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-2-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t3')">[Song Name]</h4>

        <div id="t3" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-3-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t4')">[Song Name]</h4>

        <div id="t4" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-4-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t5')">[Song Name]</h4>

        <div id="t5" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-5-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t6')">[Song Name]</h4>

        <div id="t6" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-6-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t7')">[Song Name]</h4>

        <div id="t7" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-7-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t8')">[Song Name]</h4>

        <div id="t8" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-8-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t9')">[Song Name]</h4>

        <div id="t9" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-9-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t10')">[Song Name]</h4>

        <div id="t10" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-10-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t11')">[Song Name]</h4>

        <div id="t11" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-11-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t12')">[Song Name]</h4>

        <div id="t12" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-12-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <h4 class="song" onclick="openTab('t13')">[Song Name]</h4>

        <div id="t13" class="tab-container" style="display:none;">

          <div class="lyrics" id="[song-13-name]" file="lyrics/[album-name]/[song-name-lyrics].html" type="lyrics/html"></div>

        </div>

        <!-- STOP EDITING FOR THIS SECTION. LOOK FOR NEXT EDIT COMMENT. -->

      </div>

    </div>

    <!-- song/album navigation -->

    <div class="lyric-link-container">

      <a href="[lyric page]" class="back-page" hidden><span class="fa fa-arrow-left"></span> [song/album name]</a> <!-- DO NOT CHANGE THIS LINE -->

      <a href="[less-recent-lyric-page].html" class="next-page">[Song/Album Name (Year)] <span class="fa fa-arrow-right"></span></a> <!-- EDIT HERE -->

    </div>

  </div>

  <footer>

    <div class="media-icons">

      <a href="https://linktr.ee/brettwinters" class="fa fa-link" target="\_blank"></a>

      <a href="https://open.spotify.com/artist/7i32tg6VjlklR9itEibYCs?si=uPECrGM1RAaUa5n4tFql9A&nd=1" class="fa fa-spotify" target="\_blank"></a>

      <a href="https://music.apple.com/us/artist/brett-winters/1511207556" class="fa fa-apple" target="\_blank"></a>

      <a href="https://brettwinters.bandcamp.com/" class="fa fa-bandcamp" target="\_blank"></a>

      <a href="https://soundcloud.com/brettwinters" class="fa fa-soundcloud" target="\_blank"></a>

      <a href="https://www.youtube.com/channel/UCHPNNq4DB7mwKDrnJrMxefw" class="fa fa-youtube-play" target="\_blank"></a>

      <a href="https://www.instagram.com/brettwintersmusic/" class="fa fa-instagram" target="\_blank"></a>

      <a href="https://www.facebook.com/brettwintersmusic" class="fa fa-facebook" target="\_blank"></a>

    </div>

    <p>Website development by <a href="https://karabrownie.github.io/books/contact.html" target="\_blank">Kara Brown</a>.</p>

  </footer>

</body>

<script src="../navbar.js"></script>

<script defer src="include-html.js"></script>

<script src="openTab.js"></script>

</html>

1. Look at closet-heart.html for an example.
2. Notice that the **click for lyrics** section has 13 numbered sections. Delete sections if needed, or add more if needed, following the same pattern. The **id** attribute should *not* have a file extension. It should just be the plain song name with dashes in between the words. The **file** in each one should link to the file that contains the lyrics for that song. Then each section should have the name of the song where the white brackets are for the actual listing the appears on the website.
3. If you add sections, make sure you replace the number in openTab('t1') with the new number, and the number in id="t1" in the following line with the same new number.