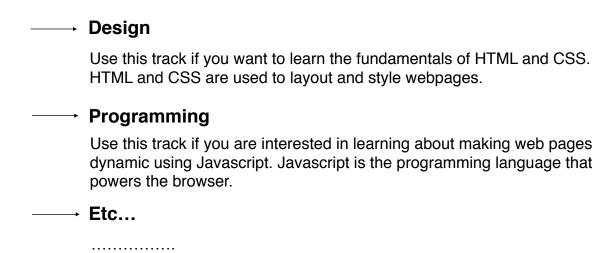# So you're on this page... now what?

Web development is a broad subset of general software development that is responsible for the creation of websites.

It is **broad** because designing/programming a website involves many moving parts, and there are multiple ways to complete specific tasks. We believe, as a beginner, it is difficult to learn how to create software for the web because of the vast number of resources that exist. This website is dedicated to providing guidance and a curated set of resources with which you will be able to get your feet wet and start making websites, with or without prior programming experience. Browse through this page to see the different tracks available.

Projects

⟶ **Design**

Use this track if you want to learn the fundamentals of HTML and CSS. HTML and CSS are used to layout and style webpages.

⟶ **Programming**

Use this track if you are interested in learning about making web pages dynamic using Javascript. Javascript is the programming language that powers the browser.

⟶ **Etc…**

……………

Design Project

Our first design project is going to be designing a blog.

You're probably familiar with the idea of a blog already, but there are a few things that we need to cover before we actually get into deciding what will go into making your blog specifically.

Before we can get into the nitty gritty part of what your blog will look like, let's get you up to speed on some basic HTML knowledge.

For the beginner

Never used HTML before? Not even sure what that is? Go through the HTML tutorial linked to below from Code Academy to build a foundation.

http://www.codecademy.com/tracks/web

Once you've finished that, you can move on to the intermediate step. If you've worked with HTML before, or the tutorial seemed a little too familiar for you, feel free to skip ahead.

More intermediate

Now that you've got at least a basic understanding of what HTML and CSS are all about, go ahead and try out the tutorial below.

http://learn.shayhowe.com/html-css/

This is a pretty intuitive tutorial that will take you from start to finish on building the layout of a web page using HTML and CSS. Once you've finished this, you'll have a pretty good handle on what these languages can be used for in web design.

Design Project

The Blog

Now, you've established a foundation. You're officially ready to spread your wings and begin building your blog at this point.

Before we start coding anything, though, we should take the time to ask ourselves a few questions about what a blog actually looks like.

You can personalize your blog to suit your preferences, of course, but there are certain fundamental features that we'd like to include too...

Start the project!

Design Project

Here we want you to really think about how you would use HTML to provide **structure** to a web page. The tags you use to layout your page matter, as they provide contextual meaning for the content you use.

In this project, we're going to really think about what is important to include in a blog. Before we start, take a few minutes to reflect on what pages **you** think will be relevant to include on your page.

What HTML tag should you use to allow a user to jump to different pages on your blog?

☐ <p>

☐ <div>

☐ <nav>

☐ <header>

If a user hits the right answer, a prompt will show up telling them it is correct. If not, a prompt will ask them if they would like to see an example w/ explanation

Correct! The <nav> tag is used to describe <u>navigation</u>. Users get to different by <u>navigating</u> to them.

On no! The <nav> tag is used to describe <u>navigation</u>. Users get to different by <u>navigating</u> to them. Would you like to see an example? (y/n)

```
1   <nav>
2       <a href="index.html">Home</a>
3       <a href="articles.html">Blog Entries</a>
4       <a href="about.html">About Me</a>
5   </nav>
```