texasacm.org/forms/web

^ make sure to sign-in! ^

Setting up your own CS student website!

Santiago Moreno & Alex Bellon

Your hosts: Santiago Moreno & Alex Bellon

- We oversee texasacm.org
- Fun fact: we're both Colombian 🇨🇴

Why do I need a website?

There is **SO** much you can do with a website!

Some things that come to mind?

- Establish personal branding
- Display portfolio & projects
- Give employers an interactive resume

- Showcase research & interests
- Playground to learn HTML/CSS/JS & other web technologies

0) Install an SFTP client

Whether you're on Windows, macOS, or Linux, you'll need an SFTP client to access your `public_html` directory.

Free options include FileZilla, PuTTY, and WinSCP but there are many more.

We will be using FileZilla for this workshop.

filezilla-project.org/download.php

1) Access your `public_html` directory

Login with your UT CS UNIX account credentials

Check machines: apps.cs.utexas.edu/unixlabstatus

- Host: sftp://<CS_LAB_MACHINE>.cs.utexas.edu
- Username: <UTCS_UNIX_USERNAME>
- Password: ********
- Port:

Navigate to **UTCS_UNIX_USERNAME/public_html**

2) Upload your landing page

Upload index.html (may be 'welcome' instead of 'index' but **must** be one of the following file extensions: .htm, .html, .shtml, .cgi, OR .php)

Verify your `public_html` directory's permissions

- Read ✓ & Recurse into subdirectories ✓

Navigate to https://www.cs.utexas.edu/~username/

Test that your website is viewable! (template:)
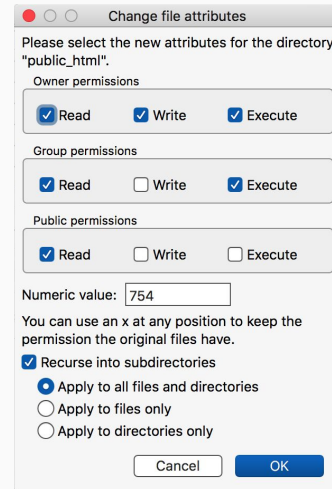
Part II...

Next time…

Slick & simple website in under an hour

Slick & simple website in under an hour
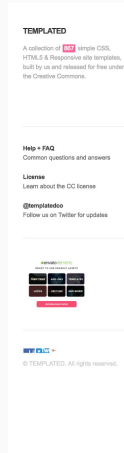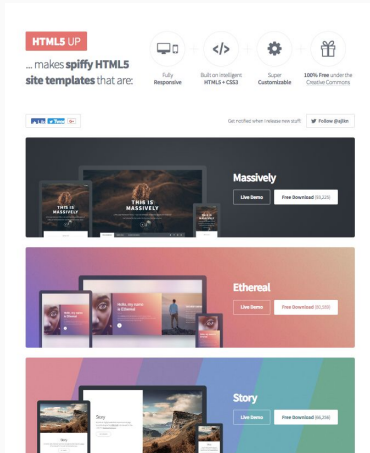
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I don't know HTML/CSS/JS!

Fear not! Creative Commons website templates are plentiful on the web!

0) Download a template of your choice

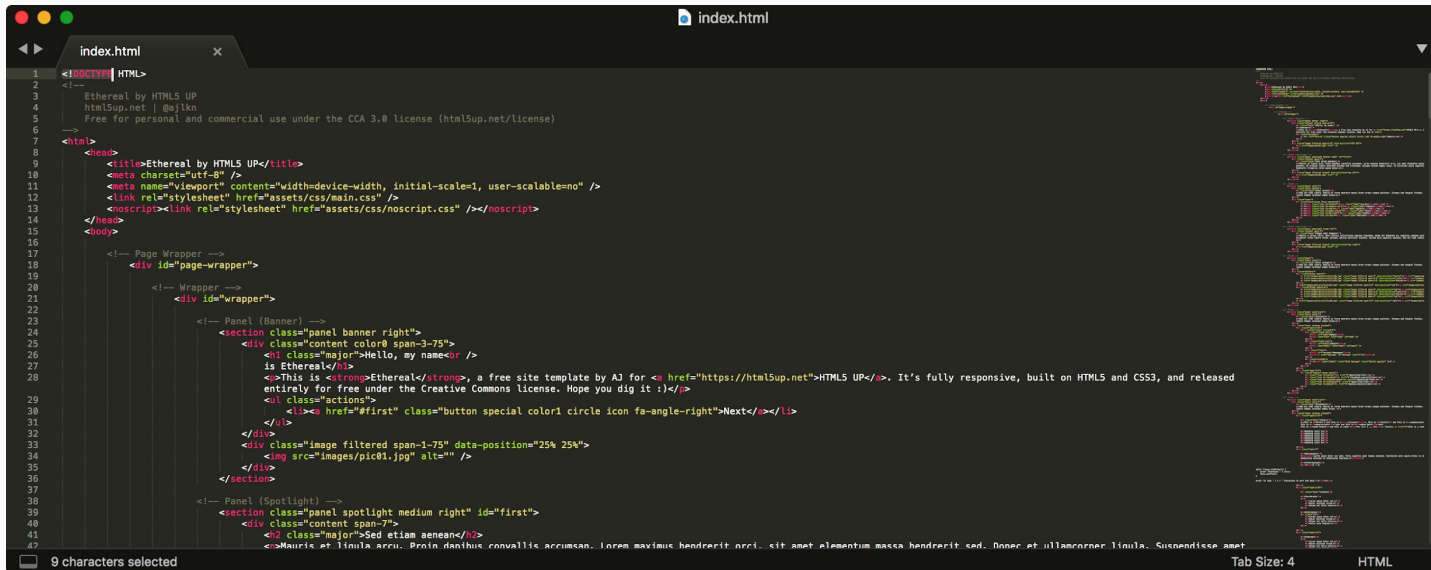Popular template sites include HTML5Up, Templated, and Styleshout among others
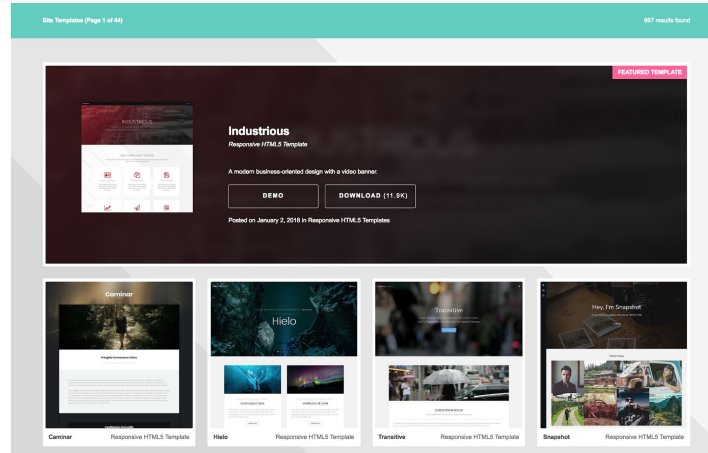
Why use templates?

Templates do a lot of the heavy-lifting for you… You won't have to worry about:

- Designing your own layout (although you may customize if desired!)
- Making your website responsive for different display sizes
- Knowing more advanced CSS & JS
- Spending time on different iterations of the website & testing

1) Open index.html in your text editor of choice

2) Add content to your landing page

It's easy to identify placeholder text and replace it with your content. One way I work is to have a text editor on one half of the screen and a live preview of your local website in your browser on the other half of the screen!

3) Tweak template to your needs

Templates are highly customizable, all you need to know are basic HTML tags.

To fine-tune text styles, element properties, and colors among other things, explore CSS (many guides @W3 Schools).

Essential HTML `<tags>`

`<title>` Document title

`<h1>` Header 1 (through 6)

`<p>` Paragraph

`<ul>` Unordered list

`<li>` List item

`<img>` Image

`<code>` Code text

`<table>` Table

`<thead>`,`<tr>`,`<td>`

`<b>` Bold

`<br>` Break line

`<!-- -->` Comment

`<a>` Link

`<i>` Italic

`<!--...-->`	comment	`<code>`	code text	`<html>`	html document
`<!doctype>`	document type	`<col>`	attributes for columns	`<i>`	italic text
`<a>`	hyperlink	`<colgroup>`	groups of columns	`<iframe>`	inline sub window
`<abbr>`	abbreviation	`<dd>`	definition description	`<img>`	image
`<address>`	address element	`<del>`	deleted text	`<input>`	input field
`<area>`	image map area	`<div>`	generic block-level element	`<ins>`	inserted text
`<b>`	bold text	`<dfn>`	defining instance of a term	`<kbd>`	keyboard text
`<base>`	base URL for all links in page relative to document root	`<dl>`	definition list	`<label>`	label for a form control
`<bdo>`	text direction	`<dt>`	definition term	`<legend>`	title in a fieldset
`<blockquote>`	long quotation	`<em>`	emphasized text	`<li>`	list item
`<body>`	body element	`<fieldset>`	logically group items in a form	`<link>`	resource reference
` `	single line break	`<form>`	defines a form	`<map>`	image map
`<button>`	push button	`<h1>` to `<h6>`	header 1 to header 6	`<menu>`	menu list
`<caption>`	table caption	`<head>`	document information	`<meta>`	meta information
`<cite>`	citation	`<hr>`	horizontal rule	`<noscript>`	no script section

Further resources

- W3 Schools
- Codecademy
- Udacity
- StackOverflow
- Friends @MAD? :)