Intro to Front End - The End

Set up the Live Stream

Last Class Recap!

- Quick review of what we've done
- Finish up on projects
- Demos
- Course feedback

What Have We Learned

- How the web works
- Intro to HTML
- Intro to CSS
- Flexbox
- Advanced CSS - transitions, animations
- Javascript
- jQuery
- AJAX

HTML

- What's a wireframe?

- What are semantic tags?

- Why is indentation important?

- Translate a wirefame into a basic HTML document using a code editor

- Use semantic tags and explain why they are preferable over a non-semantic tags

- Demonstrate consistent indentation and explain why this is important to developers

CSS

- Write a basic CSS block

- Use classes to select multiple elements and IDs to select one element on a page

- Set up an external stylesheet and link it to your HTML

- Use CSS to style text

Flexbox

- Inline, block and inline-block elements
- The Box Model (margin, padding, border and content)
- Flexbox Basics

Advanced CSS

- Use pseudo selectors to style the progress bars on your resume
- Use basic CSS transitions to change an element from one value of a property to another

Responsive Design & Deployment

- Implement media queries to style elements
- Deploy your resume

Javascript Fundamentals

- Use console.log to print something to the screen

- Add integers and strings and console.log the results

- Declare a variable

- Write if statements

- Understand the basic anatomy of a function

- Create arrays and objects in javascript

- Get and set values from both types

- Write a for "loop"

jQuery

- Create and manipulate elements on a page using jQuery

- Collect user input

- Use some of JavaScript's built in functions like new Date() string.replace, JSON.parse

- Iterate/loop over objects

- Access and loop over deeply nested data from within a JavaScript object

- Create and manipulate elements on your page with jQuery methods

- Create a grid-like display of data by combining these two actions

AJAX

- Understand the Client Server Model
- Send a GET request to an API using AJAX
- Search response data using user input

So… What Now?

Well, what do you want to do?

Keep coding! Find a project you like and start working on it.

Resources:

- Udemy
- CodeAcademy
- FreeCodeCamp
- CodeWars

Youtube:

- FunFunFunctions
- Layout Land

CSS

- CSS Grid

Javascript

- Javascript30