Web Design Workshop

10/20/2022 - Ohlin Arellano

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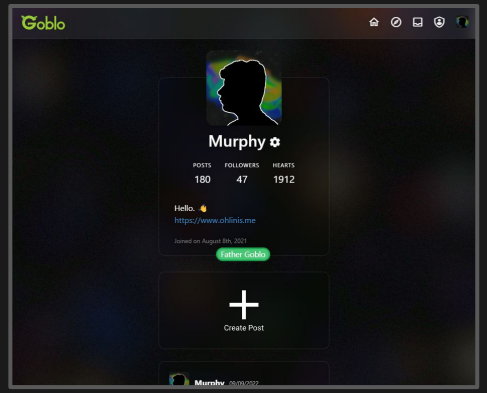
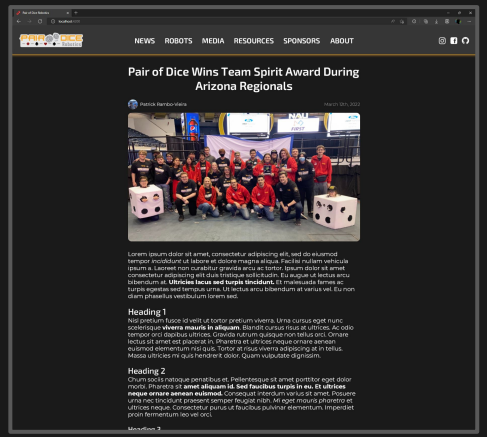
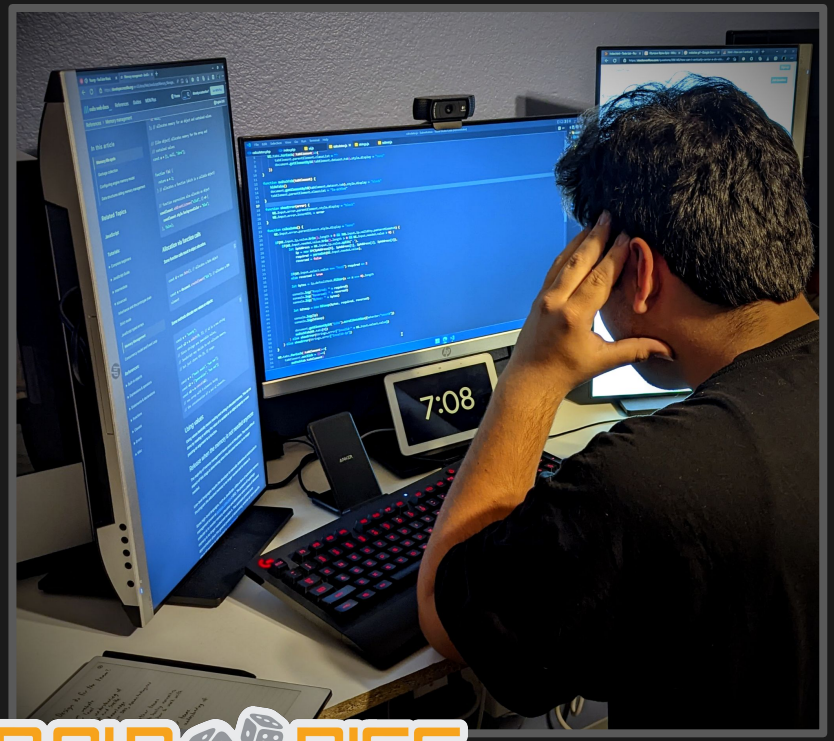
About Me





Ohlins for Reference:

Why Web Design?



- Brand Awareness
- Easier Access
- Becoming a Resource
- Standing Out
- News Distribution

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HTML

Hypertext Markup Language

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What is HTML?

- The standard markup language for the web
- Describes the structure of a webpage
- Consists of a series of elements that each have their own roles
- Can look intimidating but is easy to learn.

```
<tagname>Content</tagname>


<h1>Heading</h1>

<a href="www.google.com">Link</a>

<ul id="list">

    <li>List Item 1</li>

    <li>List Item 2</li>

</ul>
```

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CSS

Cascading Stylesheets

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JavaScript

It’s just JavaScript

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What is JavaScript?

- Used in most dynamic websites
- Programs the behavior of web pages
- The standard scripting language for the web
- One of the most recommended languages for beginners

```
xhr.open('POST', loginUrl, true);
xhr.setRequestHeader('Content-Type', 'application/json; ch
xhr.addEventListener('load', function() {
  var responseObject = JSON.parse(this.response);
  console.log(responseObject);
  if (responseObject.token) {
    tokenElement.innerHTML = responseObject.token;
  } else {
    tokenElement.innerHTML = "No token received";
  }
});

var sendObject = JSON.stringify({name: user, password: pas

console.log('going to send', sendObject);

xhr.send(sendObject);
```

Todo List Project

In this workshop you will be creating a simple to do list using HTML and JavaScript.

- Implement HTML
- Plan out JavaScript
- Implement Javascript
- Customize

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JavaScript Cheat Sheet

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```
// Creating a variable for an element

const Element = document.getElementById('id')
```

```
// Creating a function

// Can be made without any arguments if needed

function functionName(Argument) {

Code to run when called

}
```

```
// Creating a new element

let NewElement = document.createElement('tag')
```

```
// Changing text on an element

Element.innerHTML = 'New Text'
```

```
// Inserting element

ParentElement.appendChild(ChildElement)
```

```
// Deleting element

Element.remove()
```

```
// Getting input value

InputField.value
```

```
// On click event listener

Element.addEventListener('click', function() {

Code to run on click

})
```