

# Intro to Web Development

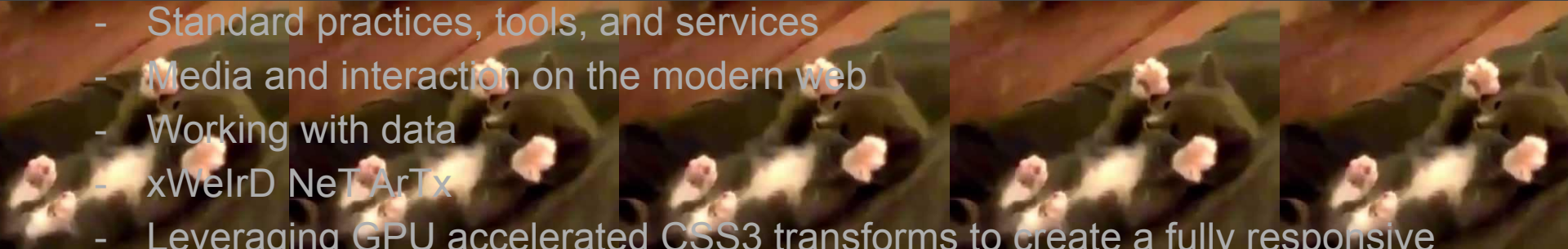
DM-UY 2193 SECTION A

# Hullo World Wide Web

- Fundamentals of the web
  - HTML, CSS, Javascript
- Get comfortable using computers directly via text commands
- Standard practices, tools, and services
- Media and interaction on the modern web
- Working with data
- xWeIrD NeT ArTx
- Leveraging GPU accelerated CSS3 transforms to create a fully responsive grid based layout enhanced with transition properties and / or keyframe techniques triggered by screen resolution media queries.
- Funny cat videos

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# The Intent

## Acquire Skills

- ✓ HTML
- ✓ CSS
- ✓ JS
- ✓ APIS
- ✓ GIT
- ✓ Terminal

## Explore Feels

- ✓ Criticality
- ✓ Reflection
- ✓ Ideology
- ✓ Expression
- ✓ Self-direction

(and make space for both)



**AWKWARD  
INTRO TIME!**



Intros – Me

Effie / Rieper

( edu / art / studios )

<http://www.aaaaaaaaaaaaa.xyz>

<http://sensorymeditation.com>

<http://pointinpassing.com>

A photograph of Mount Fuji, a large snow-capped volcano, centered in the frame. The sky is a gradient of soft pink and purple, suggesting a sunset or sunrise. The mountain's slopes are covered in snow, with some darker patches visible. The overall mood is serene and majestic.

Intros – You

You folks!

( names / edu / tech history / goals )

A photograph of Mount Fuji, a snow-capped mountain, centered in the background. The sky is a gradient of soft pink and purple, suggesting a sunset or sunrise. The mountain's peak is partially obscured by a layer of white clouds. The overall mood is serene and majestic.

**SYLLABI**  
**TIME!**



# Required Tools

/\*

--- UTILZ ---

Atom (Download at [atom.io](https://atom.io))

GIT (installed together in later class via terminal)

Github (we will create accounts in a later class, and will coordinate if you already have one)

\*/

A photograph of Mount Fuji, a snow-capped mountain, centered in the background. The sky is a gradient of soft pink and purple, suggesting a sunset or sunrise. The foreground is filled with soft, out-of-focus clouds in shades of blue and purple.

**DOWNLOAD  
TIME!**

A photograph of Mount Fuji, a snow-capped mountain, centered in the background. The sky is a gradient of pink and purple, suggesting a sunset or sunrise. The mountain's peak is sharp and prominent, with snow covering its slopes. The overall mood is serene and majestic.

Downloading Atom

Atom Text Editor

( <http://atom.io/> )

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**LESSON  
TIME!**

# Lesson Time

## Using Atom

- ✓ The application
- ✓ Lines & Invisible Characters
- ✓ File types

## HTML

- ✓ What is HTML
- ✓ Structure
- ✓ Foundational Tags
- ✓ Inline CSS

HTML

# Structure & Markup



# HTML - Tags



`<p>Almost all tags have both a  
starting and closing tag.</p>`

# HTML - Tags

## Foundational

- ✓ `<html></html>`
- ✓ `<head></head>`
- ✓ `<body></body>`

## Structural

- ✓ `<p></p>`
- ✓ `<div></div>`
- ✓ `<span></span>`

## Functional

- ✓ `</img>`
- ✓ `<a href="..."></a>`
- ✓ `<button></button>`



Comments



```
<!-- This is a hidden comment. Shh. -->
```

# Basic Inline CSS

A background image of Mount Fuji, a snow-capped mountain, centered in the upper half of the frame. The sky is a gradient of pink and purple, and the lower half of the image is a solid blue gradient.

```
<p style="color: #FF0072">Hi!</p>
```

## Basic Inline CSS

CSS is a separate language from HTML and can be applied from an external file, or—

## Basic Inline CSS

Style is a “property” you can add “inline” to any tag.

# Basic Inline CSS

A background image of Mount Fuji, a snow-capped mountain, centered in the frame. The sky is a gradient of pink and purple, suggesting a sunset or sunrise. The mountain's peak is white with snow, and its slopes are dark with some snow patches.

```
<p style="color: #FF0072">Hi!</p>
```

# Basic Inline CSS

A background image of Mount Fuji, a snow-capped volcano, centered in the frame. The sky is a gradient of soft pink and purple, suggesting a sunset or sunrise. The mountain's slopes are covered in snow, with some darker patches visible. The overall mood is serene and calm.

```
<p style="color: #FF0072">Hi!</p>
```



## CSS Properties

- |                    |           |
|--------------------|-----------|
| ✓ color            | ✓ border  |
| ✓ background-color | ✓ margin  |
| ✓ font-family      | ✓ padding |
| ✓ font-size        | ✓ top     |
| ✓ font-weight      | ✓ ...     |

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**HOMework**  
**TIME!**