

CS 641, Haik Sahakian

Mobile Web Development

Readings and Assignments
Week 6

Readings

Readings

Two quick tutorials, on events and objects in JavaScript. Please read the pages and experiment with the examples provided.

❖ *Events:*

http://www.w3schools.com/js/js_events.asp

❖ *Objects:*

http://www.w3schools.com/js/js_objects.asp

The W3Schools JS Tutorial page, that these 2 links are a part of, is an excellent place to learn about the JavaScript language, or to look up parts of it that you have questions about. Most pages come with examples that you can modify and run in-place.

Readings

- ❖ *New Features in ECMAScript 6.* A summary of the changes and new features in the latest version of JavaScript. Skim them all and check out the features that interest you. 20 minutes.

<https://github.com/lukehoban/es6features>

- ❖ Make sure you read the sections on:

- arrows
- classes
- let + const
- modules
- promises

Readings

- ❖ *Introduction to the DOM.* If you don't have much experience with the Document Object Model, please read this article as a prerequisite for the video below. 15 minutes.
https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model/Introduction
- ❖ *Web Components: A Tectonic Shift for Web Development - Google I/O 2013.* A lecture by Eric Eidelman of Google on Web Components, including the Shadow DOM. Web Components look likely to be one of the most important web technologies of the next few years, and are used by Angular 2 and Ionic 2 which we will cover later in the class. 30 minutes.
<https://www.youtube.com/watch?v=fqULJBBEVQE>

Assignment

Assignment

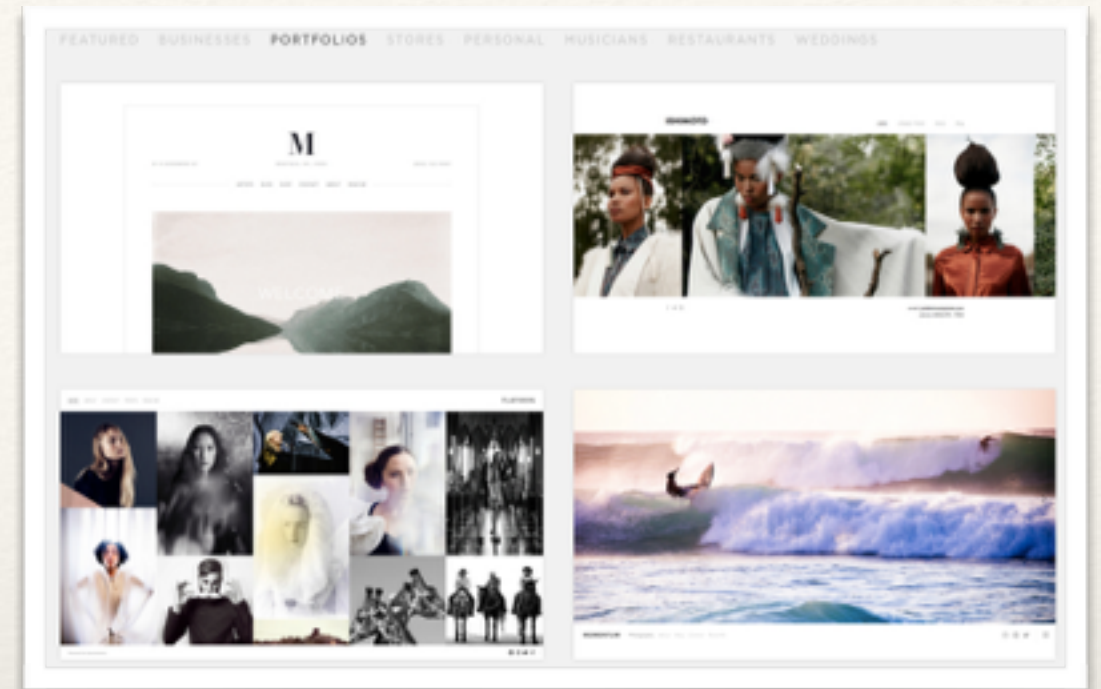
- ❖ Complete the portfolio you started implementing last week. Ensure it looks good on both mobile and desktop. It should be responsive in layout.
- ❖ Your portfolio may be the first web page a potential employer sees, so it should look clean and professional.
- ❖ There were two common areas where some of your portfolios needed additional work: responsiveness and visual design.
- ❖ To enhance responsiveness, use the techniques we've learnt in class to switch from one layout to another as the browser size changes.
- ❖ To enhance visual design, choose a font and color palette that you like, choose images that are directly relevant to your work rather than stock images from the web, use CSS's border, margin, corner-radius, gradient, and shadow (be careful with over-using shadow) settings to style your page, and look at the examples at the end of this document for inspiration.

More Examples of Responsive Portfolio Sites

<http://www.squarespace.com/templates/>

SquareSpace's Portfolio Examples

SquareSpace is a paid service to let non-programmers create web sites. It's excellently done, and the portfolio section of their site has good examples for inspiration. SquareSpace's sites tend to be very image-forward.



<http://www.wix.com/website/templates/html/portfolio-cv/1>

Wix's Portfolio Examples

Wix is another paid service to let non-programmers create web sites. Their portfolio section is similarly good, and is more text-heavy.

