

WEB

Syllabus Summary:

DAY 1 : NO CLASS
DAY 2 : INTRO TO THE INTERNET
DAY 3 : HTML & STRUCTURE OVERVIEW
DAY 4 : CSS BASICS
DAY 5 : RECAP & JQUERY BASICS
DAY 6 : INTRO TO WEB DESIGN
DAY 7 : CSS EXPERIMENTATION
~~DAY 8 : JS/JQUERY EXPERIMENTATION~~
DAY 9 : PROTOTYPING
DAY 10 : PRESENT PROTOTYPE

DAY 11-14 : WORKING SESSION
DAY 15 : FINAL PRESENTATION

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DAY 7 : CSS EXPERIMENTATION
~~DAY 8 : JS/JQUERY EXPERIMENTATION~~
DAY 9 : REQUESTS, REVIEW, & JS
DAY 10 : PRESENT PROTOTYPE

DAY 11-14 : WORKING SESSION
DAY 15 : FINAL PRESENTATION



REQUESTS

Community

Wireframe

Client: Cave Johnson

Profession: Graphic Designer

Portfolio: Ad campaign for designer boots,
Billboard for Macy's, website for a midlevel
fashion designer

Email: caroline@aperture.sci

Wants to find work at a higher end design
firm in NYC. He is formally trained and wants
people to know three things about him: he is
pedigreed, he has won awards for his work, he
is a connoisseur of lemonade.

Design Process

Waterfall

Agile

Typing Time!

Copy the HTML
boilerplate by hand. If
you don't understand
what you're typing ask
a neighbor about that
line.

BREAK

REAL SITES!

(Soooo not fake)

[Home](#)[Joseph](#)

× Elements Resources Network Sources Timeline Profiles Audits Console

```
<!DOCTYPE html>
<html lang="en" id="facebook" class="tinyViewport" style="visibility: visible;">
  <head>...</head>
  <body class="hasLeftCol home composerExpanded fbx hasSmurfbar hasPrivacyLite webkit chrome mac Loca">
    <div class="_li">
      <div id="pagelet_bluebar" data-referrer="pagelet_bluebar">
        <div id="blueBarHolder" class="slim">
          <div id="blueBar" class="fixed_elem">
            <div id="pageHead" class="clearfix _5bfg" role="banner">
              <h1 id="pageLogo" class="_5bfh">
                <a data-gt="{\"chrome_nav_item\": \"logo_chrome\"}" href="https://www.facebook.com/?ref=logo"
              </h1>
            <div class="clearfix" id="headNav">
              <div class="rfloat">
                <ul id="pageNav" class="clearfix _5bfw" role="navigation">...</ul>
              </div>
            <div class="_585-" role="search">
              <i class="_585_"></i>
              <div class="uiTypeahead _5860" id="u_0_2">
                <div class="wrap">
                  <input type="hidden" autocomplete="off" class="hiddenInput">
                  <div class="innerWrap">
                    <div class="_5861 textInput _586g _586p focus_target" id="u_0_3" style="font-size: 14px;">
                      <div class="_586j">Search for people, places and things</div>
                      <div class="_586k hidden_elem"></div>
                      <input type="text" class="inputtext _586f DOMControl_placeholder hidden_elem" n
                        "Bootloader.loadModules([\"FacebarTypeaheadNavigation\", \"FacebarTypeaheadDecorate
                        , emptyFunction);\" placeholder="Search for people, places and things" aria-label="search"
                      <div class="_586i" onfocus=
                        "Bootloader.loadModules([\"FacebarTypeaheadNavigation\", \"FacebarTypeaheadDecorate
                        , emptyFunction);\" role="combobox" aria-autocomplete="list" aria-expanded="false"
                      </div>
                    </div>
                  </div>
                </div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </body>
</html>
```

Computed Style

☒ Show inherited

Styles

```
element.style {
}
```

Matched CSS Rules

```
.hasSmurfbar 93gKFUs-DKv.css:863
#blueBarHolder #blueBar {
  background-image:
    url(data:image/png;base64,iVBORw0K...
    8/UxBxQDQuFwlpqgBZBq6+P+unVY1GnDq...
  background-repeat: repeat-x;
  background-size: auto;
  background-position: 0 0;
  background-color: #4c66a4;
  border: 0;
  -webkit-box-shadow: none;
  position: relative;
}
```

```
.hasSmurfbar 93gKFUs-DKv.css:852
#blueBarHolder, .hasSmurfbar
#blueBarHolder.slim, .hasSmurfbar
#blueBarHolder #pageHead, .hasSmurfbar
#blueBarHolder #headNav, .hasSmurfbar
#blueBarHolder #blueBar {
  height: 42px;
}
```

```
.tinyViewport .slim vH-Cs KXUn-.css:14
#blueBar.fixed_elem {
  margin: 0;
  position: relative !important;
}
```

```
.slim vH-Cs KXUn-.css:13
#blueBar.fixed_elem {
  left: 0;
}
```



Search for people, places and things

× Elements Resources Network Sources Timeline Profiles Audits Console

```
<!DOCTYPE html>
▼ <html lang="en" id="facebook" class="tinyViewport" style="visibility: v...
  ▶ <head>...</head>
  ▼ <body class="hasLeftCol home composerExpanded fbx hasSmurfbar hasPriva...
    ▼ <div class="_li">
      ▼ <div id="pagelet_bluebar" data-referrer="pagelet_bluebar">
        ▼ <div id="blueBarHolder" class="slim">
          ▼ <div id="blueBar" class="fixed_elem">
            ▼ <div id="pageHead" class="clearfix _5bfg" role="banner">
              ▼ <h1 id="pageLogo" class="_5bfh">
                <a data-gt="{\"chrome_nav_item\":\"logo_chrome\"}" href="https...
              </h1>
            ▼ <div class="clearfix" id="headNav">
              ▼ <div class="rfloat">
                ▶ <ul id="pageNav" class="clearfix _5bfw" role="navigation...
              </div>
            ▼ <div class="_585-" role="search">
              <i class="_585_"></i>
              ▼ <div class="uiTypeahead _5860" id="u_0_2">
                ▼ <div class="wrap">
                  <input type="hidden" autocomplete="off" class="hidden...
                ▼ <div class="innerWrap">
                  ▼ <div class="_5861 textInput _5860 _5860 focus targ...
```



Home

Joseph

`sible;">``cyLite webkit chrome mac Loca``//www.facebook.com/?ref=logo'``'>...``Input">``t" id="u_0_3" style="font size`

▶ Computed Style

☒ Show inherited

▼ Styles



```
element.style {  
}
```

Matched CSS Rules

```
.hasSmurfbar 93qKFUs-DKv.css:863  
#blueBarHolder #blueBar {
```

```
  background-image:  
    url(data:image/png;base64,iVBORw0K...  
      8/UxBxQDQuFwlpqgBZBq6+P+unVY1GnDqw...
```

```
  background-repeat: ▶ repeat-x;
```

```
  background-size: auto;
```

```
  background-position: ▶ 0 0;
```

```
  background-color: ■ #4c66a4;
```

```
  border: ▶ 0;
```

```
  -webkit-box-shadow: none;
```

```
  position: relative;
```

```
}
```

```
.hasSmurfbar 93qKFUs-DKv.css:852
```

```
#blueBarHolder, .hasSmurfbar
```

```
#blueBarHolder.slim, .hasSmurfbar
```

```
#blueBarHolder #pageHead, .hasSmurfbar
```



Google Search

I'm Feeling Lucky

× Elements Resources Network Sources Timeline Profiles Audits Console

```
<a href="/setprefs?suggon=2&prev=https://www.google.com/&sig=0_0XvpVpFANVIY3J3PuhSjymtnM6Q%3D" style="left:
-1000em;position:absolute">Screen reader users, click here to turn off Google Instant.</a>
<div id="mngb">...</div>
<div id="main">
  <span class="ctr-p" id="body">
    <center>
      <div id="lga" style="height:231px;margin-top:-22px">
        
        </div>
        <div style="height:102px"></div>
        <div id="prm-pt" style="font-size:83%;min-height:3.5em">
          <br>
          <div id="prm">
            <p id="hppimg" style>
              <a href="http://www.google.com/nexus/7/
index.html#utm_source=hpp&utm_medium=hpp&utm_campaign=hpp_launch&utm_content=n7" onclick=
"google.promos&&google.promos.link&& google.promos.link.cl()">
                
              </a>
              <br>
              <br>
              <br>
              <br>
              <script type="text/javascript">...</script>
              <script type="text/javascript">...</script>
              <script>...</script>
            </p>
            <script>window.gbar&&gbar.up&&gbar.up.tp&&gbar.up.tp();</script>
          </div>
        </div>
      </span>
    </div>
  </body>
</html>
```

Computed Style ☒ Show inherited

▼ Styles + [icon] [icon]

element.style { }

Matched CSS Rules

div { user agent stylesheet display: block; }

Inherited from body#gsr.hp

body, html { www.google.com/:10 font-size: small; }

body { www.google.com/:10 color: #222; }

body, td, a, p, .h { www.google.com/:10 font-family: arial,sans-serif; }

Inherited from html

Style Attribute { visibility: visible; }

body, html { www.google.com/:10 font-size: small; }

html { user stylesheet visibility: hidden; }

▼ Metrics

▲ Properties

▼ DOM Breakpoints


```
▼<span class="ctr-p" id="body">
  ▼<center>
    ▼<div id="lga" style="height:231px;margin-top:-22px">
      
    </div>
    <div style="height:102px"></div>
  ▼<div id="prm-pt" style="font-size:83%;min-height:3.5em">
    <br>
    ▼<div id="prm">
      ▼<p id="hppimg" style>
        ▼<a href="http://www.google.com/nexus/7/
        index.html#utm_source=hpp&utm_medium=hpp&utm_campaign=hpp_lau
        "google.promos&&google.promos.link&&google.promos.link.cl()"
        <img title="Introducing the new Google Nexus 7, the world'
        "Introducing the new Google Nexus 7, the world's highest-r
        hpp/nexus_n7_en_us.png" width="783px" height="52px" style=
        </a>
        <br>
        <br>
        <br>
        ▶<script type="text/javascript">...</script>
        ▶<script type="text/javascript">...</script>
        ▶<script>...</script>
      </p>
    </div>
    <script>window.gbar&&gbar.up&&gbar.up.tp&&gbar.up.tp();</script>
  </div>
</center>
```


id="hplogo" onload=

ontent=n7" onclick=

-resolution 7" tablet." alt=
7" tablet." src="/images/
one;vertical-align:middle">

Matched CSS Rules

```
div {                                user agent stylesheet
  display: block;
}
```

Inherited from body#qsr.hp

```
body, html {                        www.google.com/:10
  font-size: small;
}
```

```
body {                              www.google.com/:10
  color: ■ #222;
}
```

```
body, td, a, p, .h {               www.google.com/:10
  font-family: arial,sans-serif;
}
```

Inherited from html

```
Style Attribute {
  visibility: visible;
}
```

```
body, html {                        www.google.com/:10
  font-size: small;
}
```

```
html {                              user stylesheet
  visibility: hidden;
}
```

<div>×</div> <div>Elements</div> <div>Resources</div> <div>Network</div> <div>Sources</div> <div>Timeline</div> <div>Profiles</div> <div>Audits</div> <div>Console</div>	
<pre><!DOCTYPE html> <html dir="ltr" lang="en-US" style="visibility: visible;"> <head>...</head> <body id="home" class="home blog" data-twtr-rendered="true" style> <div id="wrapper"> <div id="header"> <h1> </h1> </div> <div id="maincontent">...</div> <div id="sidebar"> <!-- goodnight nobody --> <div class="tout1">...</div> <div class="tout2">...</div> </div> <div id="footer"> <p id="credits">...</p> </div> <!-- End wrapper --> </div> <script type="text/javascript" src="http://www.zeldman.com/wp-content/plugins/contact-form-7/includes/js/jquery.form.min.js?ver=3.36.0-2013.06.16"></script> <script type="text/javascript">...</script> <script type="text/javascript" src="http://www.zeldman.com/wp-content/plugins/contact-form-7/includes/js/scripts.js?ver=3.4.2"></script> <script type="text/javascript">...</script> <iframe id="rufous-sandbox" scrolling="no" frameborder="0" allowtransparency="true" style="display: none;">...</iframe> </body> </html></pre>	<div>► Computed Style <input checked="" type="checkbox"/> Show inherited</div> <div>▼ Styles <div>+</div> <div>⌵</div> <div>⚙</div></div> <div>element.style {</div> <div>}</div> <div>Matched CSS Rules</div> <div>media="all" www.zeldman.com/style.css?0418120943:132</div> <div>div#header {</div> <div>border-top: ► 12px solid #f60;</div> <div>background: ► #000;</div> <div>}</div> <div>media="all" www.zeldman.com/style.css?0418120943:17</div> <div>html, body, div, span, applet, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, big, cite, code, del, dfn, em, font, img, ins, kbd, q, s, samp, small, strike, strong, sub, sup, tt, var, dl, dt, dd, ol, ul, li, fieldset, form, label, legend, table, caption, tbody, tfoot, thead, tr, th, td {</div> <div>margin: ► 0;</div> <div>padding: ► 0;</div> <div>border: ► 0;</div> <div>font-weight: inherit;</div> <div>font-style: inherit;</div> <div>font-size: 100%;</div> <div>font-family: inherit;</div> <div>vertical-align: baseline;</div> <div>}</div> <div>div { user agent stylesheet</div> <div>display: block;</div> <div>}</div> <div>Pseudo ::selection element</div> <div>media="all" www.zeldman.com/style.css?0418120943:264</div> <div>::selection {</div> <div>color: #000;</div> <div>background: ► #f60;</div> <div>}</div> <div>Inherited from div#wrapper</div> <div>media="all" www.zeldman.com/style.css?0418120943:122</div> <div>div#wrapper {</div> <div>color: #222;</div>

```
<!DOCTYPE html>
```

```
▼ <html dir="ltr" lang="en-US" style="visibility: visible;">
```

```
▶ <head>...</head>
```

```
▼ <body id="home" class="home blog" data-twttr-rendered="true" style="background-color: #f0f0f0;">
```

```
▼ <div id="wrapper">
```

```
▼ <div id="header">
```

```
▼ <h1>
```

```
▼ <a href="/" title="Jeffrey Zeldman Presents: Web design news & information since 1995.">  
    
  Presents: Web design news & information since 1995.>
```

```
  </a>
```

```
</h1>
```

```
</div>
```

```
▶ <div id="maincontent">...</div>
```

```
▼ <div id="sidebar">
```

```
  <!-- goodnight nobody -->
```

```
▶ <div class="tout1">...</div>
```

```
▶ <div class="tout2">...</div>
```

```
</div>
```

```
▼ <div id="footer">
```

```
▶ <p id="credits">...</p>
```

```
</div>
```

```
<!-- End wrapper -->
```

```
</div>
```

```
<script type="text/javascript" src="http://www.zeldman.com/wp-content/themes/zeldman/js/jquery.form.min.js?ver=3.36.0-2013.06.16"></script>
```

e 1995">
alt="Jeffrey Zeldman


-form-7/includes/js/

► Computed Style ☒ Show inherited

▼ Styles +  

element.style {
}

Matched CSS Rules

media="all" [www.zeldman.com/
style.css?0418120943:132](http://www.zeldman.com/style.css?0418120943:132)
div#header {
border-top: ► 12px solid  #f60;
background: ►  #000;
}

media="all" [www.zeldman.com/
style.css?0418120943:17](http://www.zeldman.com/style.css?0418120943:17)
html, body, div, span, applet, object, iframe, h1, h2, h3, h4, h5, h6, p, blockquote, pre, a, abbr, acronym, address, big, cite, code, del, dfn, em, font, img, ins, kbd, q, s, samp, small, strike, strong, sub, sup, tt, var, dl, dt, dd, ol, ul, li, fieldset, form, label, legend, table, caption, tbody, tfoot, thead, tr, th, td {
margin: ► 0;
padding: ► 0;
border: ► 0;
font-weight: inherit;
font-style: inherit;

A LIST APART

Elements Resources Network Sources Timeline Profiles Audits Console

```
<!DOCTYPE html>
<!--[if lt IE 7]> <html class="no-js ie ie6 lt-ie10 lt-ie9 lt-ie8 lt-ie7" lang="en"> <![endif]-->
<!--[if IE 7]> <html class="no-js ie ie7 lt-ie10 lt-ie9 lt-ie8" lang="en"> <![endif]-->
<!--[if IE 8]> <html class="no-js ie ie8 lt-ie10 lt-ie9" lang="en"> <![endif]-->
<!--[if IE 9]> <html class="no-js ie ie9 lt-ie10" lang="en"> <![endif]-->
<!--[if gt IE 9]><!-->
<html class=" js no-touch svg" lang="en" style="visibility: visible;" data-useragent="Mozilla/5.0 (Macintosh; Intel Mac OS X 10_6_8) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36" data-platform="MacIntel">
  <!--<![endif]-->
  <head>...</head>
  <body id="home-page" class="home-page breakpoint-600">
    <header class="logo-holder">
      <h1 class="killer-logo">
        <a href="/">
          
        </a>
      </h1>
    </header>
    <figure class="wide-hero" data-picture data-alt>
      
      <div data-src="http://d.alistapart.com/_made/d/ALA379_postlaunchstrategy_300_480_230_60.jpg"></div>
      <div data-src="http://d.alistapart.com/_made/d/ALA379_postlaunchstrategy_300_960_460_60.jpg" data-media="(min-width: 600px)"></div>
      <div data-src="http://d.alistapart.com/_made/d/ALA379_postlaunchstrategy_300_1920_920_10.jpg" data-media="(min-width: 600px) and (min-device-pixel-ratio: 2.0)"></div>
      <!-- Fallback content for non-JS browsers. Same img src as the initial, unqualified source element. -->
      <noscript>...</noscript>
      <a class="issue-number" href="/issue/379">...</a>
    </figure>
    <div role="main" class="main-wrapper">
      <section class="main-content">...</section>
      <div class="multi-column-display">...</div>
      <nav class="global-nav" role="navigation">...</nav>
    </div>
    <!-- Prompt IE 6 users to install Chrome Frame. Remove this if you support IE 6.
      chromium.org/developers/how-tos/chrome-frame-getting-started -->
    <!--[if lt IE 7]><p class=chromeFrame>Your browser is <em>ancient!</em> <a
      href="http://browsehappy.com/">Upgrade to a different browser</a> or <a
      href="http://www.google.com/chromeFrame/?redirect=true">install Google Chrome Frame</a> to experience this
      site.</p><![endif]-->
  </body>
</html>
```

Computed Style

Show inherited

Styles

element.style {
}

Matched CSS Rules

8a968d2dfb8002cd03ca61178995b977110a52d0.

.killer-logo>a {

```
display: inline-block;
width: 960px;
height: 120px;
background-image: url(../img/logo_a-
list-apart.svg);
background-size: contain;
background-repeat: no-repeat;
margin-top: -24px;
-webkit-print-color-adjust: exact;
-webkit-transition: -webkit-transform
4000ms ease-out;
moz-transition: moz transform 4000ms
ease-out;
o-transition: o transform 4000ms
ease-out;
ms-transition: ms transform 4000ms
ease-out;
transition: transform 4000ms ease-out;
```

8a968d2dfb8002cd03ca61178995b977110a52d0.

a {

```
color: #2455c3;
text-decoration: none;
cursor: pointer;
```

}

8a968d2dfb8002cd03ca61178995b977110a52d0.

html, body, body div, span, object,
iframe, h1, h2, h3, h4, h5, h6, p,
blockquote, pre, abbr, address, cite,
code, del, dfn, em, img, ins, kbd, q,
samp, small, strong, sub, sup, var, b, i,
dl, dt, dd, ol, ul, li, fieldset, form,
label, legend, table, caption, tbody,
tfoot, thead, tr, th, td, article, aside,
figure, footer, header, hgroup, menu,
nav, section, time, mark, audio, video, a
{


```
<!DOCTYPE html>
<!--[if lt IE 7]> <html class="no-js ie ie6 lt-ie10 lt-ie9 lt-ie8 lt-ie7" l
<!--[if IE 7]> <html class="no-js ie ie7 lt-ie10 lt-ie9 lt-ie8" lang="en
<!--[if IE 8]> <html class="no-js ie ie8 lt-ie10 lt-ie9" lang="en"> <![e
<!--[if IE 9]> <html class="no-js ie ie9 lt-ie10" lang="en"> <![endif]--
<!--[if gt IE 9]><!-->
```

▼ <html class=" js no-touch svg" lang="en" style="visibility: visible;" data-
Intel Mac OS X 10_6_8) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.150
"MacIntel">

<!--<![endif]-->

► <head>...</head>

▼ <body id="home-page" class="home-page breakpoint-600">

▼ <header class="logo-holder">

▼ <h1 class="killer-logo">

▼

</h1>

</header>

▼ <figure class="wide-hero" data-picture data-alt>

</div>

<div data-src="http://d.alistapart.com/_made/d/ALA379_postlaunchstrate
(min-width: 600px) and (min-device-pixel-ratio: 2.0)"></div>

<!-- Fallback content for non-JS browsers. Same img src as the initial

► <noscript>...</noscript>

► ...

</figure>

```
"en"> <![endif]-->
![endif]-->
]-->
```

```
agent="Mozilla/5.0 (Macintosh;
5 Safari/537.36" data-platform=
```

```
0_960_460_60.jpg">
00_480_230_60.jpg"></div>
00_960_460_60.jpg" data-media="
00_1920_920_10.jpg" data-media="
qualified source element. -->
```

► Computed Style

☒ Show inherited

▼ Styles

+  

```
element.style {
}
```

Matched CSS Rules

8a968d2dfb8002cd03ca61178995b977110a52d0.

```
.killer-logo>a {
  display: inline-block;
  width: 960px;
  height: 120px;
  background-image: url(../img/logo_a-
    list-apart.svg);
  background-size: contain;
  background-repeat: ►no-repeat;
  margin-top: -24px;
  -webkit-print-color-adjust: exact;
  -webkit-transition: ►-webkit-transform
    4000ms ease-out;
  ⚠ moz transition: moz transform 4000ms
    ease-out;
  ⚠ o transition: o transform 4000ms
    ease-out;
  ⚠ ms transition: ms transform 4000ms
    ease-out;
  ⚠ transition: transform 4000ms ease-out;
}
```

8a968d2dfb8002cd03ca61178995b977110a52d0.

```
a {
  color:  #2455c3;
```

JavaScript

AFTER YOUR
PRESENTATIONS!

(yay)

Homework!

*WORK ON YOUR
PROTOTYPE FOR
TOMORROW!!!!!!*

(and sleep if you can afford to)