
FRONT-END WEB DEVELOPMENT

SNACKS & DESIGN

TODAY!

CORIN MENUGE & PEYTON LEE

(GOOGLE SHEET IS PINNED IN SLACK)

FRONT



FEWD

Q & A

“Thoughts on the best (most acceptable) way to place a site logo using CSS? I'd like to swap the logo image based upon the layout, but it looks as though there are pros/cons to the different methods out there.”

“How do I animate a ‘hamburger’?”

“Why is it so hard to make the hamburger work in the Startup Matchmaker Lab?”

*“Can we go over how to properly make the sidebar
lab work?”*

“What are some FEWD things that are considered to be sacrilegious from a design-aesthetic standpoint?”

“Battling slow download speeds for mobile? Some ways of adjusting layout still require mobile visitors to download all the same content of the desktop version(ex: huge photo files for the desktop version still are downloaded when you load on an iphone, etc.) Best practices to deal with that?”

“When doing mobile first, what functionality do you need to keep in mind or limit? Like fewer animations, etc. How do you know what’s too much and what’s good for mobile?”

RESPONSIVE BASICS

RESPONSIVE — REM/EM

EM

- *Relative* unit
- Sized based on the width of the letter “m”
- 1em = 100% font-size
- .5em = 50% font-size
- **Based on parent**

Parent { font-size:16px;}

Child {font-size:2em;}  Child's font size is 32px (200% x 16px)

REM

- "Root" em
- Same as em **except** based on the font-size of the html element

PIXELS AND EMS AND REMS, OH MY!!

	RELATIVE?	BASED ON
PX	absolute	
EM	relative	parent
REM	relative	html element

THE BENEFIT OF USING RELATIVE UNITS

```
html { font-size: 16px; }
h1 { font-size: 33px; }
h2 { font-size: 28px; }
h3 { font-size: 23px; }
h4 { font-size: 19px; }
small { font-size: 13px; }
.box { padding: 20px; }

@media screen and (min-width: 1400px) {
  html { font-size: 20px; }
  h1 { font-size: 41px; }
  h2 { font-size: 35px; }
  h3 { font-size: 29px; }
  h4 { font-size: 24px; }
  small { font-size: 17px; }
  .box { padding: 25px; }
}
```

```
html { font-size: 16px; }
h1 { font-size: 2.074rem; }
h2 { font-size: 1.728rem; }
h3 { font-size: 1.44rem; }
h4 { font-size: 1.2rem; }
small { font-size: 0.833rem; }
.box { padding: 1.25rem; }

@media screen and (min-width: 1400px) {
  html { font-size: 18px; }
}
```

~~Tuesday March 29th - Responsive Design~~

~~Thursday March 31st - Responsive + Final Project Lab (Adriana)~~

~~Sunday April 3rd - Office Hours (Adriana)~~

Tuesday April 5th - Guest Speaker: Mig Reyes! (plus drinks?)

Thursday April 7th - Form Design & Interaction

Eric Boyer

SPROUT SOCIAL PANEL

Wed April 13th @ 6pm
(dinner provided)

131 S Dearborn St, Chicago, IL 60603

MIG REYES + LAB

Eric Boyer

FRONT-END WEB DEVELOPMENT

SNACKS & DESIGN

THURSDAY APRIL 7TH

TOM BUNTING & MICHAEL FISCHER

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RESPONSIVE BASICS

EXIT TICKETS