RENO COLLECTIVE

FULL SPEED

N V

AHEAD

ACADEMY

INTRODUCTION TO HTML

TOOLS OF THE TRADE

TEXT EDITOR

Download at http://atom.io

index.html — /Users/colinloretz/Projects/academy/snake

snake
- bower_components
  - jquery
    - dist
      - jquery.js
      - jquery.min.js
      - jquery.min.map
      - jquery.slim.js
      - jquery.slim.min.j
      - jquery.slim.min.r
    - sizzle
    - src
    - .bower.json
    - AUTHORS.txt
    - bower.json
    - LICENSE.txt
    - README.md
- css
  - snake.css
- js
- bower.json
- index.html

snake.css | index.html

```html
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Snakes on a Plane!</title>
    <link rel="stylesheet" href="css/snake.css" media="screen" charset="utf-8">
    <script src="bower_components/jquery/dist/jquery.min.js" charset="utf-8"></script>
    <script src="js/snake.js" charset="utf-8"></script>
  </head>
  <body>
  </body>
</html>
```

index.html 6:35 LF UTF-8 HTML

http://atom.io

BROWSERS

Chrome

Safari

Firefox

Edge & IE

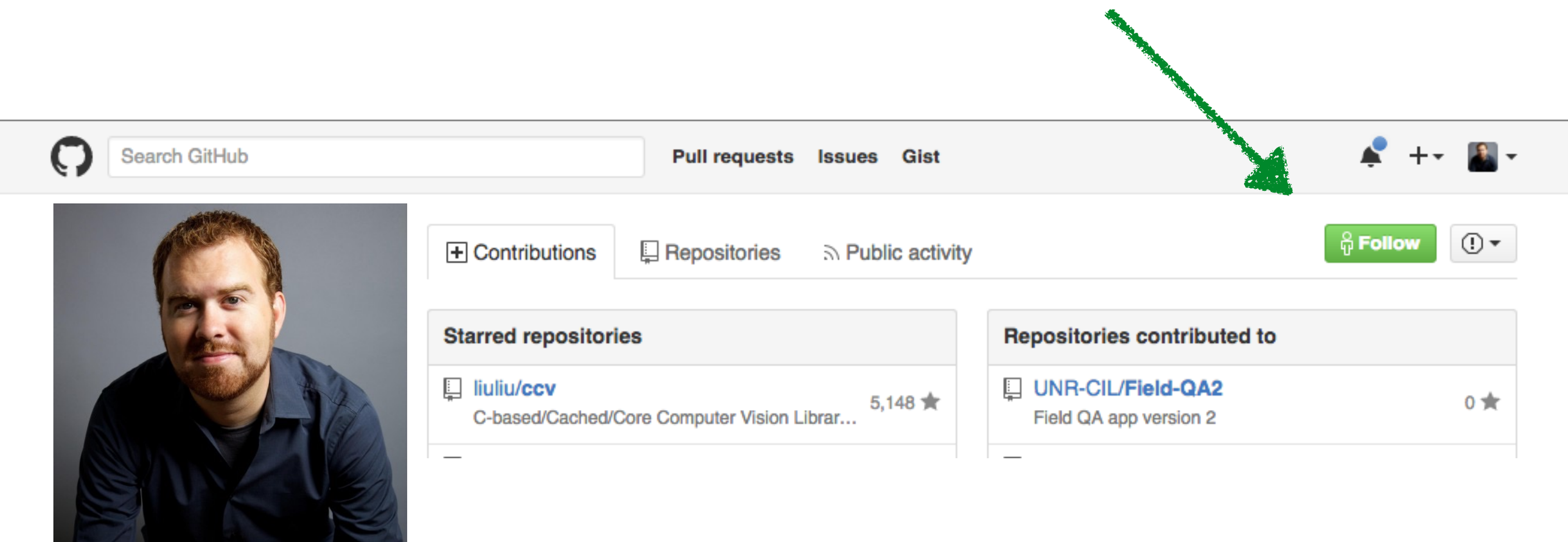
GITHUB

github.com

GITHUB

http://github.com/colinloretz

and “Follow” my account



HANDLING HTML PROJECT FILES

BUILDING THE FOUNDATION

HTML BUILDING BLOCKS

<!DOCTYPE html>

HTML5 DOCTYPE

<html>

html tag

```
<!DOCTYPE html>
<html>
The rest our our website
will go here.
</html>
```

<head>

head definitions

```
<!DOCTYPE html>
<html>
  <head>
  </head>
</html>
```

`<title>`

page title

```
<!DOCTYPE html>
<html>
  <head>
    <title>Our First Page</title>
  </head>
</html>
```

<body>

document body

```
<!DOCTYPE html>
<html>
  <head>
    <title>Our First Page</title>
  </head>
  <body>
    The rest of our website here
  </body>
</html>
```

<!-- # -->

comments

```html
<!DOCTYPE html>
<html>
  <head>
    <title>Our First Page</title>
  </head>
  <body>
    <!-- This is a comment -->
    The rest of our website here
  </body>
</html>
```

`<h1>`

heading tags

<h2>

heading tags

<h3>

heading tags

<h4>

heading tags

<h5>

heading tags

```
…
<h1>Largest Heading</h1>
<h2>Largest Heading</h2>
<h3>Largest Heading</h3>
<h4>Largest Heading</h4>
<h5>Largest Heading</h5>
…
```

<p>

paragraph tag

```
…
<h1>Our headline</h1>
<p>Some cool paragraph text.</p>
<p>Another awesome paragraph
with even more text.</p>
…
```


line break

```
…
<h1>Our headline</h1>
<p>An awesome paragraph with a
line <br> break in it.</p>
…
```

<small>

smaller font size

```
…
<h1>Our headline</h1>
<p>This word will be
<small>smaller</small> than the
rest.</p>
…
```

element attributes

<a>

anchor (link) tag

```
<a href="http://google.com">
```

anchor (link) tag

```
…
<h1>Our headline</h1>
<p>This word will be
<a href="google.com">a link</a>
to google.com.</p>
…
```

`<img>`

image tag

```
<img src="loading.gif">
```

image tag

```
…
<h1>Our headline</h1>
<p>A time machine!</p>
<img src="delorean.gif">
…
```

BUILD TIME

Create a new HTML document that includes:

- Doctype
- Head
- Title
- Body
- H1 Headline
- H3 Headline
- Paragraphs
- Bold text
- Link to your favorite website
- An image

`<ul>`

unordered list

`<li>`

list item

```
…
<ul>
  <li>Apples</li>
  <li>Bananas</li>
  <li>Oranges</li>
</ul>
…
```

`<table>`

table definition

```
…
<table>
</table>
…
```

`<tr>`

table row

<td>

table cell

```
…
<table>
  <tr> <!-- 1st row -->
    <td>Colin</td><td>Loretz</td>
  </tr>
  <tr> <!-- 2nd row -->
    <td>Chris</td><td>Baker</td>
  </tr>
</table>
…
```

<thead>

table header

`<th>`

table header cell

```
…
<table>
  <thead> <!-- header row -->
    <th>First</th><th>Last</th>
  </thead>
  <tr> <!-- 1st row -->
    <td>Colin</td><td>Loretz</td>
  </tr>
</table>
…
```

<tbody>

table body

```html
<table>
  <thead> <!-- header row -->
    <th>First</th><th>Last</th>
  </thead>
  <tbody>
    <tr> <!-- 1st row -->
      <td>Colin</td><td>Loretz</td>
    </tr>
    <tr> <!-- 2nd row -->
      <td>Chris</td><td>Baker</td>
    </tr>
  </tbody>
</table>
```

```html
<table>
  <thead> <!-- header row -->
    <th>Name</th>
    <th>Price</th>
  </thead>
  <tbody>
    <tr> <!-- 1st row -->
      <td>Latte</td>
      <td>$3.95</td>
    </tr>
  </tbody>
</table>
```

BUILD TIME

* Create an unordered list of fruits
* Create an ordered list of books you've read
* Create a table of restaurant menu items with prices and ingredients

<form>

input form

```
…
<form>
</form>
…
```

```
…
<form method="post" action="">
</form>
…
```

`<input>`

input field

```
…
<form>
  <input type="text" >
</form>
…
```

```
…
<form>
  <input type="password" >
</form>
…
```

```
…
<form>
  <input type="checkbox" >
</form>
…
```

```
…
<form>
  <input type="radio" >
</form>
…
```

```
…
<form>
  <input type="submit" >
</form>
…
```

<textarea>

multi-line textarea

```
…
<form>
  <textarea></textarea>
</form>
…
```

```
…
<form>
  <textarea rows="5" cols="20">
  This text will appear in the
  textarea
  </textarea>
</form>
…
```

<select>

select list field

`<option>`

select option field

```
…
<form>
  <select>
    <option>California</option>
    <option>Nevada</option>
    <option>Arizona</option>
  </select>
</form>
…
```

```
…
<form>
  <select>
    <option value="CA">California</option>
    <option value="NV">Nevada</option>
    <option value="AZ">Arizona</option>
  </select>
  <input type="submit">
</form>
…
```

naming things with “name”

```
…
<form>
  <input type="text" name="city">
  <select name="state">
    <option>California</option>
    <option>Nevada</option>
    <option>Arizona</option>
  </select>
</form>
…
```

values

```
…
<form>
  <select value="NV">
    <option value="CA">California</option>
    <option value="NV">Nevada</option>
    <option value="AZ">Arizona</option>
  </select>
  <input type="submit">
</form>
…
```

```
…
<form>
  <input type="text" value="Hello" >
</form>
…
```

```
…
<form>
  <input type="text" placeholder="Your Name" >
</form>
…
```

BUILD TIME

w1d1: World Country table exercise

w1d1: E-Commerce Checkout exercise