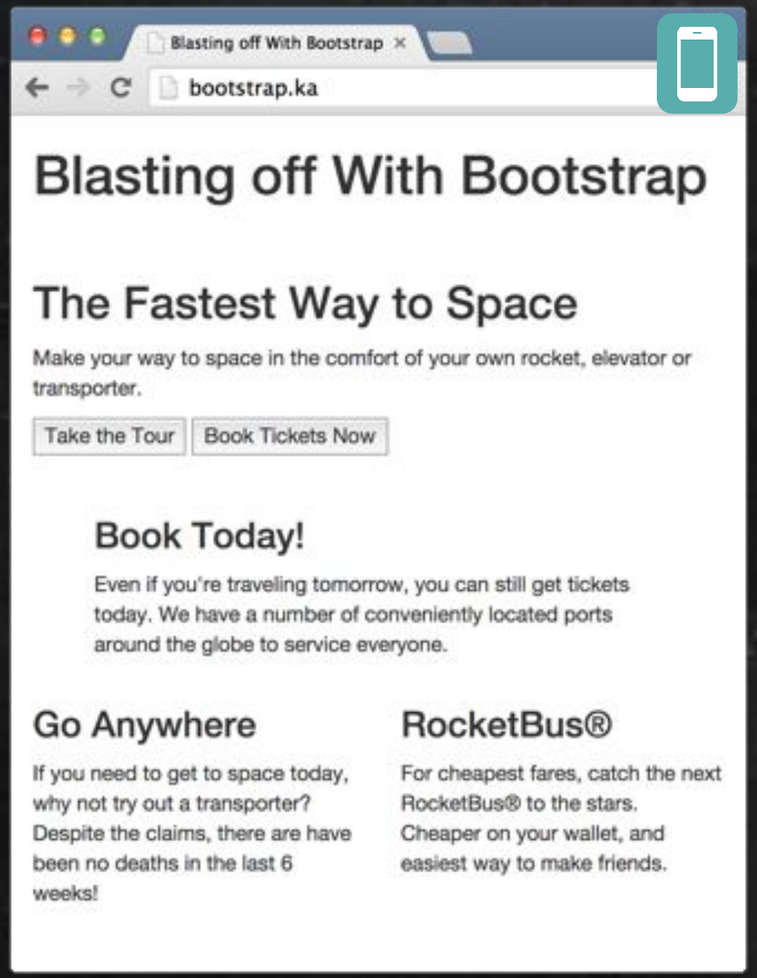
Blasting Off
with Bootstrap

Typography

Level 3

What is Typography?

"The art and technique of arranging type to make written language most appealing" - Wikipedia



Bootstrap has existing styles that changed our font.

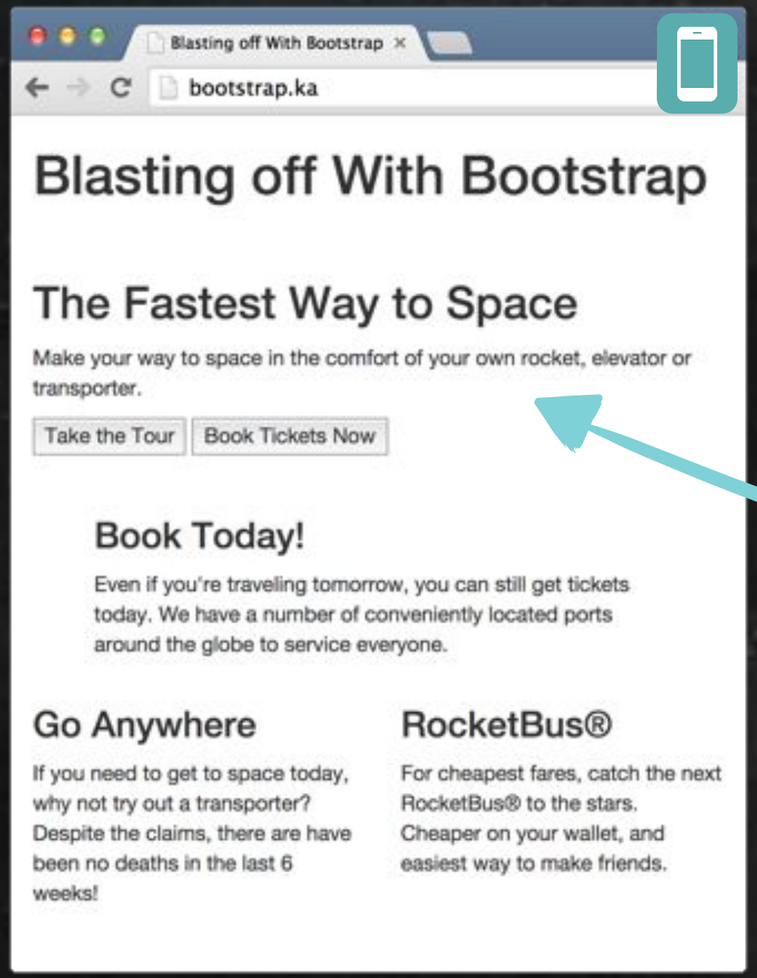
bootstrap.css

```
body {
  font-family: "Helvetica Neue",
    Helvetica, Arial, sans-serif;
  font-size: 14px;
  line-height: 1.42857143;
  color: #333;
  background-color: #fff;
}
```

Dark grey font color

Manual Typography for the Lead

Using Bootstraps manual typography to improve your page



How can we make our lead text stand out more?

Using the .lead Typography Class

The lead of the page should stand out

index.html

```
<div class='row'>
  <div class='col-md-6'>
    <h2>The Fastest Way to Space</h2>
    <p class='lead'>Make your way to space...</p>
  </div> ...
</div>
```

.lead

Adds importance, margin and more for emphasis

Comparing Our Lead

Use `.lead` to make text stand out from the rest of the page.

No `.lead`

Make your way to space in the comfort of your own rocket, elevator or transporter.

Not a huge change,
but the text stands out!

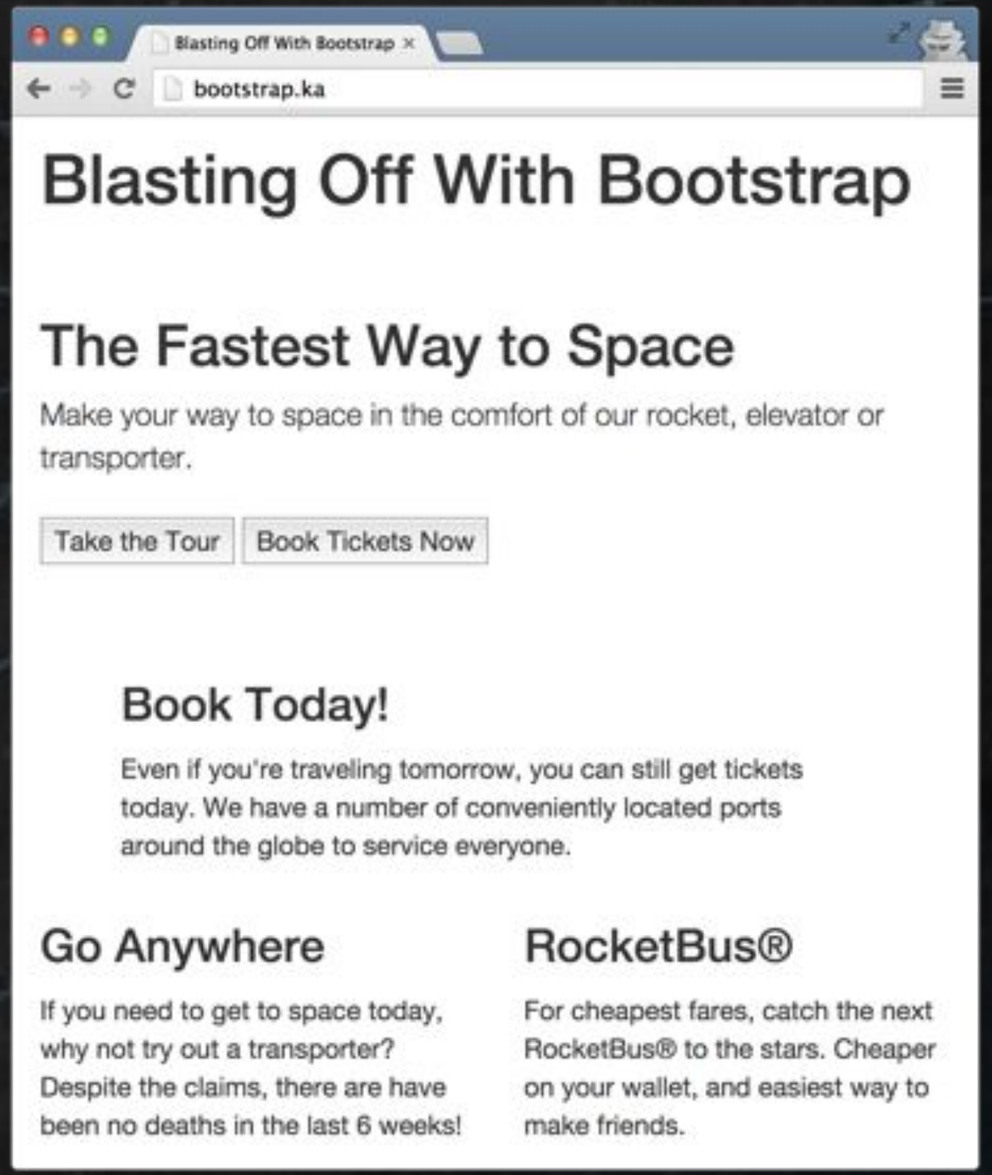
Using `.lead`

Make your way to space in the comfort of your own rocket, elevator or transporter.

Centering Text

Bootstrap has a number of alignment classes for text.

Let's center the text of our featured items.



Using the `.text-*` Typography Classes

index.html

```
<div class='row text-center'>
  <div class='...'>
    <h3>Book Today!</h3>
    <p>Even if you're traveling tomorrow...</p>
  </div>
  ...
</div>
```

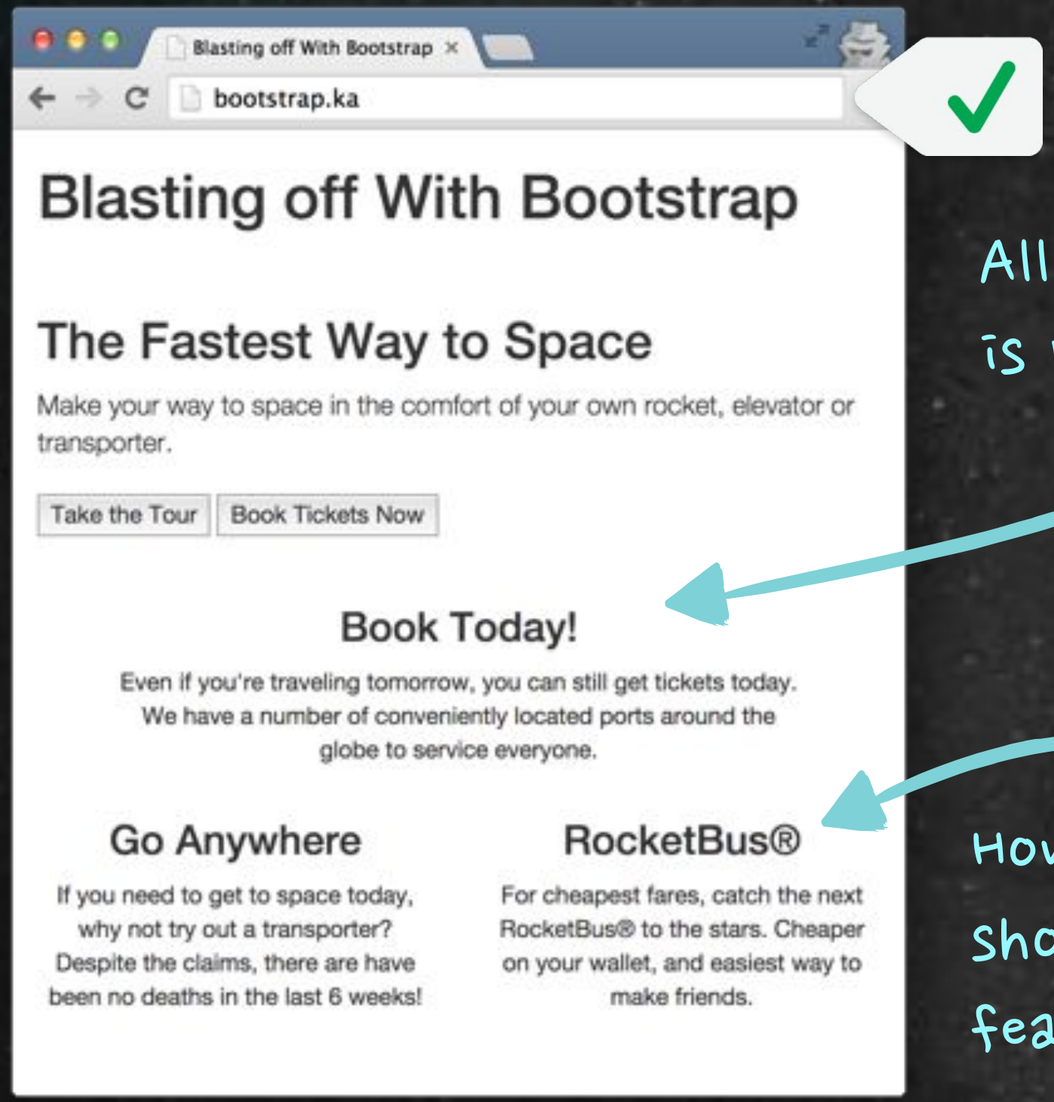
All text in this row will be centered

`.text-justify` `.text-right` `.text-center`

`.text-nowrap` `.text-left`

Bootstrap has similar classes for different alignments

Centering Our Features



All text in the row is now centered

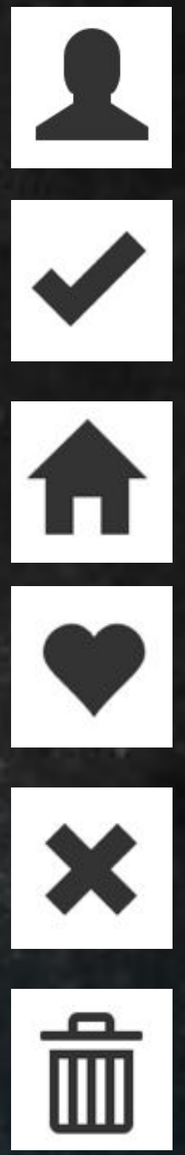
How cool would it be to show icons for our featured topics?

Glyphicons

Bootstrap comes with 200 icons to use, named “glyphicons”.

- dist
  - css
  - fonts
    - glyphicons-halflings-regular.eot
    - glyphicons-halflings-regular.svg
    - glyphicons-halflings-regular.ttf
    - glyphicons-halflings-regular.woff
  - js

Remember these files? They contain 200 icons!



http://go.codeschool.com/bootstrap-glyphicons

Using Glyphicons

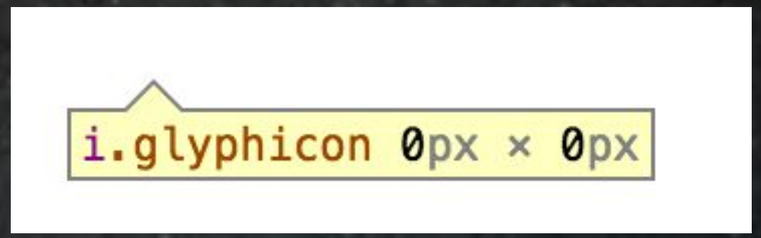
Icon classes should only be used on elements that contain no text content and have no child elements.

index.html

```
<div class='...'>
  <i class='glyphicon'></i>
  <h3>Book Today!</h3>
  <p>Even if you're traveling...</p>
</div>
```

Instead of using an <img>, we'll use an <i> for our icon

By itself adding the .glyphicon class won't show anything. We'll need to specify which icon to use.



Adding an Icon

Pick out an icon to use. In this case we'll use the briefcase icon.

index.html

```
<div class='...'>
  <i class='glyphicon glyphicon-briefcase'></i>
  <h3>Book Today!</h3>
  <p>Even if you're traveling...</p>
</div>
```

The `.glyphicon` class specifies we should use the provided icon font.

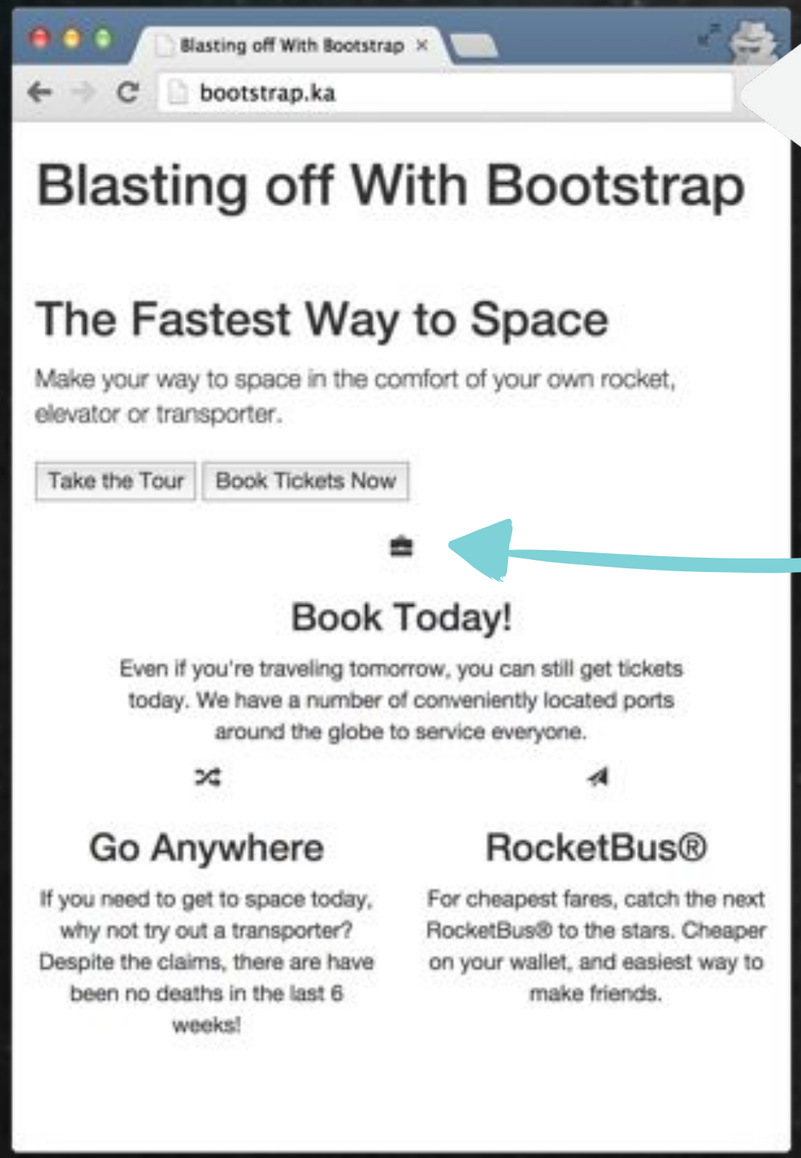
The `.glyphicon-briefcase` class specifies which icon we should use.

Adding Icons for Other Features

index.html

```
<div class='...'>
  <i class='glyphicon glyphicon-briefcase'></i>
  <h3>Book Today!</h3>
</div>
<div class='...'>
  <i class='glyphicon glyphicon-random'></i>
  <h3>Go Anywhere</h3>
</div>
<div class='...'>
  <i class='glyphicon glyphicon-send'></i>
  <h3>RocketBus&reg;</h3>
</div>
```

Our Icons Look a Little Small



Why do our icons look so small?

bootstrap.css

```
body {
  font-size: 14px;
  ...
}
```

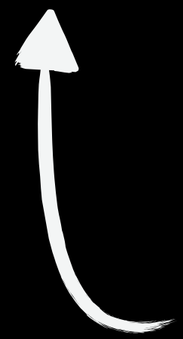
Remember how Bootstrap set our `font-size`? We need to bump this up for these icons.

Adding a Stylesheet

For styling beyond what Bootstrap offers, we'll need to create a new css file to edit.

index.html

```
<!DOCTYPE html>
<html lang='en'>
  <head>
    <link href='css/bootstrap.css' rel='stylesheet'>
    <link href='css/main.css' rel='stylesheet'>
  </head>
  <body>
    ...
  </body>
</html>
```



we'll set all our styles in the main.css Stylesheet file.

Increasing the Icon Font Size

index.html

```
<div class='row features'>
  <div class='...'>
    <i class='glyphicon glyphicon-briefcase'></i>
    <h3 class='text-center'>Book Today!</h3>
  </div>
  ...
</div>
```

We want to style all icons under `.features`

css/main.css

```
.features .glyphicon {
  font-size: 32px;
}
```

All icons under `.features` will be larger

Larger Icons

Our icons are now 32px!

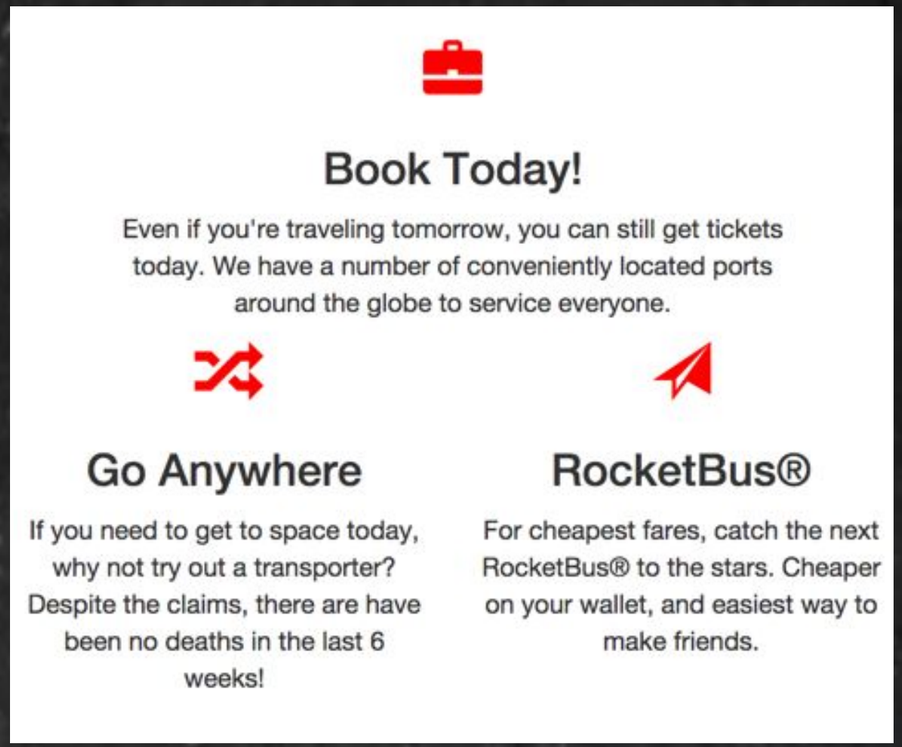
Since these are a font, we can adjust them the same way

Changing the Icon Color

css/main.css

```
.features .glyphicon {
  font-size: 32px;
  color: red;
}
```

we can style the icons as though they were text!



we're going to keep our icons black, but good to know!

Cleaning up our Footer

Bootstrap provides some classes to make working with lists easier.

Here's the footer we want to fix.

Let's see about removing these ugly bullets.

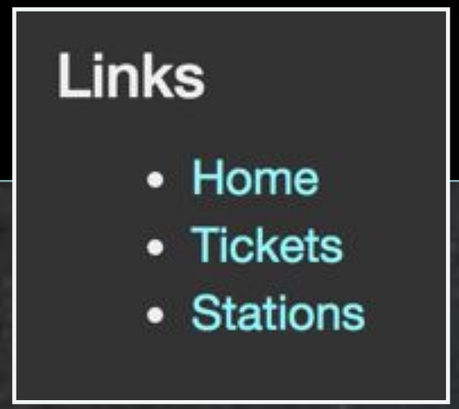
Our Footer Code So Far

index.html

```
<div class='...'>
  <h4>Links</h4>
  <ul>
    <li><a href='index.html'>Home</a></li>
    <li><a href='tickets.html'>Tickets</a></li>
    <li><a href='stations.html'>Stations</a></li>
  </ul>
</div>
```

Here's the links we created.

We need to change the `list-style` of the `<ul>`

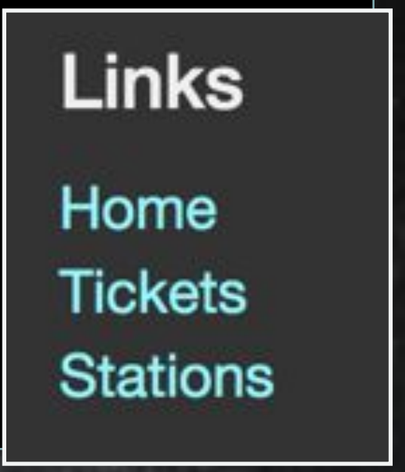


Unstyled Lists

index.html

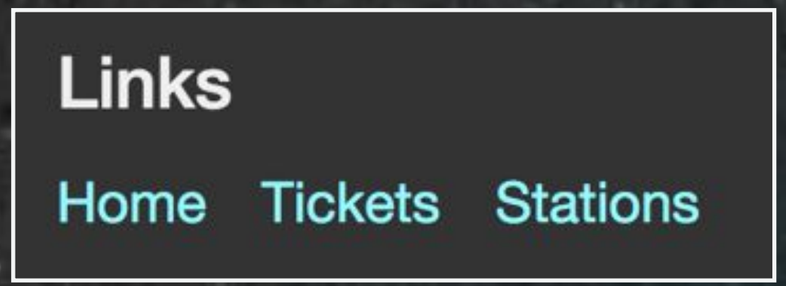
```
<div class='...'>
  <h4>Links</h4>
  <ul class='list-unstyled'>
    <li><a href='index.html'>Home</a></li>
    <li><a href='tickets.html'>Tickets</a></li>
    <li><a href='stations.html'>Stations</a></li>
  </ul>
</div>
```

use a Bootstrap list class to remove the bullets

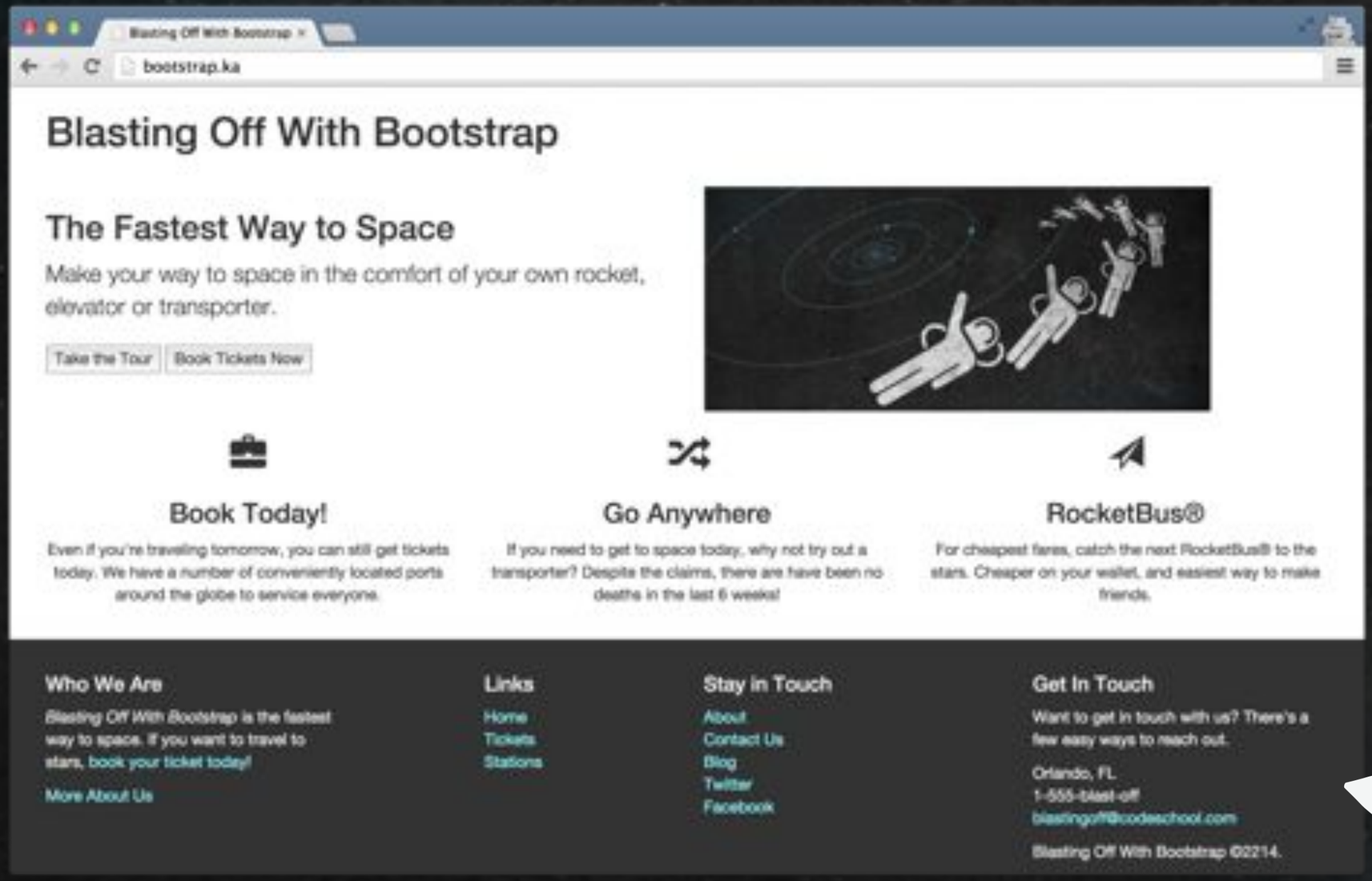


`.list-unstyled` `.list-inline`

use inline for horizontal lists



Our Finished Footer



Our footer looks like it belongs!

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