Bootstrap Lab Assignment
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Homepage: *index.html*

Description:
Use of bootstrap elements such as the *navbar*, *inline lists*, and the *grid system* to build a simple, scrolling, single page, about me landing site.

The homepage uses image assets from <u>unsplash.com</u>, as well as tiled background images from <u>subtle-patterns.com</u>. Font image assets are obtained from the Font-Awesome library.

Javascript libraries used include *smooth-scroll.js* to complement with the Bootstrap Scrollspy effect, as well as the use of *waypoints.js* for triggering animation loads. The page also contains a non-functioning form (apart from the form validation implementation for the purposes of this assignment) for visitors to leave their contact details.

Basic CSS
There is only one css stylesheet file for the customization of the page, which is located under *css/style.css*. The bootstrap css files are obtained and included in the page via the CDN. index.html is links to the css file at line 13.

<u>Components</u>
Navigation Bar: Lines 19-38 in index.html
Form Group: Lines 139

<u>JavaScript Category Items:</u>
Bootstrap Scrollspy   Lines 17, 32-34 in index.html
Bootstrap Tooltips   Lines 143, 149 in index.html

<u>Form Validation:</u>
Lines 27 - 69 in *js/custom.js* denote the validation process pre-submission and post-submission. Validation is purely front-end and includes the use of Bootstrap's tooltip for visual cue, and a jQuery driven validation for invalid input cases highlighted in lines 47 - 54. The script checks for required fields (First name, email) and checks for a valid email address according to the email address conventions.

<u>jQuery Effects:</u>
Use of smooth-sroll.js for Scrollspy   Lines 3 - 8 in custom.js
Animation of progress-bar   Lines 10 - 25 in custom.js
Use of Waypoints to begin CSS animation   Lines 19 - 25 in custom.js
Form post-submission hide/show animation   Lines 60 - 69 in custom.js

<u>(Not so) Important:</u>
The page contains external links to social media sites, profile pages, none of which are relevant for the purposes of this assignment but only to provide content.