From Zero to Bootstrap

Developing websites that are responsive to different size devices is easy when you use the right tools. Twitter's Bootstrap is the tool of choice these days. Not only is it free, but also has many free themes that allow you to modify the look and feel in a flash. Learning bootstrap is easy with the resources available on the web, however, having someone walk you through the basics step-by-step will greatly increase your learning. This course assumes you know little or nothing about bootstrap, but you want to learn how to create great looking websites that work on a desktop, tablet or smart phone. In this course you see how to use the Bootstrap grid system, use helper classes, buttons, text, images, tables, alerts, forms, cards and much more.

Learning Objectives

Become familiar with Bootstrap

Learn to build web pages that are responsive

Learn to use jQuery to manipulate the Bootstrap elements

Build some standard business UI pages

Prerequisites

Familiar with HTML and CSS. Know how to program in JavaScript and jQuery.

Course Length

1.5 days

Module 1: Introduction to Bootstrap

Overview of Bootstrap

Including Bootstrap in your project

Module 2: The Bootstrap Grid System

Breakpoints

Grid system

Margin and padding helpers

Module 3: Helper classes

Text helper classes

Background helper classes

Module 4: Buttons

Styling buttons

Buttons in a group

Buttons as check boxes

Buttons as radio buttons

Button toolbars

Drop-down menus on buttons

Module 5: Text

Justifying text

Upper and lower case

Block quotes

Lead paragraphs

Module 6: Images

Responsive, rounded and thumbnail images

Module 7: Alerts

Display messages to user

Dismissable

Fixing a Bootstrap bug

Module 8: Forms

Working with input forms

Label elements

Input elements

Horizontal forms

Module 9: Cards

Creating a card

Using cards for forms

Module 10: Lists

Built-in styles for <ul>, <ol>, <dl>, etc.

Un-styled and inline lists

Linked list groups

Build your own custom link list groups

Module 11: Tables

Bordered, condensed and striped tables

Module 12: Tooltips

Place tooltips anywhere around an element

Animating tooltips

Create your own tooltip look and feel

Module 13: Popovers

Similar to Tooltips

Add more content

Module 14: Tabs

Tab control

Module 15: Accordions

Collapse and expand HTML areas

Module 16: Carousel

Create list of items to rotate through

Can rotate on click or on a timer

Module 17: Modal

Pop-up form

Module 18: Events

Respond to bootstrap events

Module 19: Thumbnails

Working with small images

Module 20: Pagination

Creating a pager

Module 21: Horizontal Navigation

A simple navigation bar

Fixed and scrollable navigation

Collapse navigation bar on smaller browser

Add second line to Nav

Drop-down menus

Module 22: Side-bar Navigation

Creating your own side-bar navigation

Module 23: Font Awesome

Adding icons to your application

Module 24: Standard Business UI Pages

A set of standard UI pages you might need

Login, About, Address, Contact US, Credit Card, etc.