

# Bootstrap 4 Seminars

The following is a list of Bootstrap 4 seminars that can be presented at your user group or other live event by **Paul D. Sheriff**.

## Essentials of Bootstrap 4

Developing websites that are responsive to different size devices is easy when you use the right tools. Twitter's Bootstrap 4 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 seminar 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 seminar you will see how to use the Bootstrap grid system, use helper classes, buttons, text, wells, font awesome, images, alerts, forms and cards.

### Learning Objectives

Introduction to Bootstrap

Learn the Bootstrap grid system

Helper classes

Buttons

Images

Alerts

Forms

Cards

# Bootstrap 4: Beyond the Essentials

Building upon our **Essentials of Bootstrap 4** class, you will be introduced to more classes that you can take advantage of in Bootstrap. You will also learn to use jQuery to control some of the built-in components. You will see how to use lists, tables, thumbnails, tooltips and popovers. You will also build tabs, accordions, carousels, modal dialogs and learn to respond to events that many of the components raise through jQuery.

## Learning Objectives

Lists, Tables and Thumbnails

Tooltips, Popovers and Tabs

Accordions, Carousels and Modals

Event handling

## What's New in Bootstrap 4

Bootstrap 4 has been recreated from the ground-up using CSS 3 features such as Flexbox. As such, it only supports the latest, stable releases of all major browsers. On Windows, this means only IE 10, 11 and Edge. Many of the old, familiar CSS classes are still available, but have been modified slightly in some cases. And, there are cases where things should be done a little differently. This course provides you with an overview of how to lay out your web pages using Bootstrap 4, while pointing out the differences from Bootstrap 3.

## Learning Objectives

Introduction to Bootstrap 4

What's different from Bootstrap 3

New features in Bootstrap 4

# Navigation in Bootstrap 4

Bootstrap does not provide any mechanism for building left or vertical navigation. However, you can create a vertical menu using media queries, jQuery and CSS 3. You will take advantage of the Bootstrap accordion to create expanding menus. Finally, you will learn to make the side navigation disappear on smaller screens and display icons instead.

## Learning Objectives

Using Bootstrap's built-in horizontal navigation system

Add graphics to menus

Create a data-driven horizontal menu system

Build a left navigation menu

Use CSS and media queries

Replace menus with icons

# Build Standard Business UI using Bootstrap and HTML 5

Most of the samples for Bootstrap and HTML 5 on the internet are geared toward web site designers. However, you are a business programmer and you need to learn to create business, data-entry forms. This seminar will focus on Bootstrap/HTML 5 for the business application programmer. Learn the new keywords and the new attributes that make HTML 5 a great addition to your web applications. This seminar teaches you the basics of HTML 5 focusing on form layout for business applications. You will learn how to use styles and attempt to make HTML 5 generic across the widest possible collection of browsers that are out there. You will walk away with a set of samples that you can use to build your own HTML 5 web forms. The samples include an about, contact us, address, credit card and user profile pages.

## Learning Objectives

Using HTML 5 data types

Build several business web pages using Bootstrap/HTML 5

About, Address, Contact Us, Credit Card, ForgotPassword, Login, User Profile, Signup, Wizard

# Create Dashboards using Bootstrap

A dashboard screen can take many different forms. Bootstrap can help you create some effective dashboards. You will learn to build a few different types of dashboards using bootstrap, HTML and CSS.

## Learning Objectives

Build a few styles of dashboards