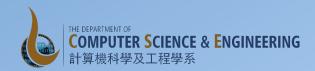
# **Getting Started with Bootstrap**

Jogesh K. Muppala





## **Getting Bootstrap**

- Download compiled (and minified) files from http://getbootstrap.com
- Less and Sass preprocessor sources
- Bootstrap CDN

## Compiled Bootstrap sources

- Bootstrap files
- Minified files available
- Need to include these files within your project

```
bootstrap/
-- css/
  — bootstrap.css
  | — bootstrap.min.css
  — bootstrap-theme.css
  — bootstrap-theme.min.css
- is/
| | — bootstrap.min.js
—— fonts/
—— glyphicons-halflings-regular.eot
| | — glyphicons-halflings-regular.svg
| | — glyphicons-halflings-regular.ttf
—— glyphicons-halflings-regular.woff
```

#### **Using Bootstrap**

 Include these lines in the <head> of your html code

```
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width,
initial-scale=1">
```

#### **Using Bootstrap**

Include the CSS files in the <head>

```
<link href="css/bootstrap.min.css" rel="stylesheet">
<link href="css/bootstrap-theme.min.css" rel="stylesheet">
```

#### **Using Bootstrap**

Include the JavaScript files at the bottom of the <body>
 (why?)

```
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/
jquery.min.js"></script>
<!-- Include all compiled plugins (below), or include individual files
as needed -->
<script src="js/bootstrap.min.js"></script>
```

## **Using Bootstrap CDN**

```
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/</pre>
3.3.5/css/bootstrap.min.css">
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/</pre>
3.3.5/css/bootstrap-theme.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/</pre>
jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/</pre>
bootstrap.min.is"></script>
```

#### **Bootstrap Container class**

- <div class="container"> ... </div>
  - Container for all the content of the site
  - Fixed width (width depends on screen size)
  - Use as the outermost div to wrap all the site content for the grid to work correctly
  - container-fluid class allows full width container

#### **Bootstrap Rows**

- Divide the page into multiple rows
- Rows act as horizontal grouping for columns
- More about columns in the next lesson
- Rows must be inside containers

#### Jumbotron

#### <div class="jumbotron"> ... </div>

- Lightweight, flexible component for showcasing key content, e.g., company name, logo and key information
- Can be used outside a container to span the entire screen width
  - Use a container inside if you wish to contain the content within a fixed width

# **Exercise: Getting Started with Bootstrap**

- Understand how to set up a web project to use Bootstrap
- Include the Bootstrap CSS and JS classes into a web page
- Design a web page structure using a few basic Bootstrap classes