

Adult Bootcamp-WE:100616

HTML, CSS, JScript, Bootstrap 3, and GitHub/Application

Contact Information:

Nick Curlett

- Email: nkcurlett@gmail.com
- Website: www.nkcurlett.com

Kenyatta Madison

- kenyattamadison1@gmail.com

OVERVIEW & PURPOSE

We will focus for 13 weeks learning the terminology and application for creating HTML5 web pages.

EDUCATION STANDARDS

1. Using and understanding web terminology
2. Using web design tools.
3. Applying web standards

OBJECTIVES-100616

1. What is Bootstrap?
2. What is Responsive Web Design?
 - a. Responsive web design is about creating web sites which automatically adjust themselves to look good on all devices, from small phones to large desktops.
3. Bootstrap History
 - a. Bootstrap was developed by Mark Otto and Jacob Thornton at Twitter, and released as an open source product in August 2011 on GitHub.
4. Bootstrap CDN
 - a. If you don't want to download and host Bootstrap yourself, you can include it from a CDN (Content Delivery Network).

b. MaxCDN provides CDN support for Bootstrap's CSS and JavaScript. You must also include jQuery:

1. Bootstrap Grid System

a. Bootstrap's grid system allows up to 12 columns across the page.

2. Typography

a. Defaults

b. Headings

c. `<small>`

d. `<mark>`

e. `<abbr>`

f. `<blockquote>`

i. `<blockquote-reverse>`

g. `<dl>`

h. `<code>`

i. `<kbd>`

j. `<pre>`

3. Contextual Colors and Backgrounds

- Bootstrap also has some contextual classes that can be used to provide "meaning through colors".

- The classes for text colors are:.

- `text-muted`,
- `.text-primary`,
- `.text-success`,
- `.text-info`,
- `.text-warning`,
- and `.text-danger`:

- Tables

- Basic
- Striped Rows
- Bordered Table
- Hover
- Condensed
- Contextual

- Images

- Shapes
 - Rounded Corners
 - Circle

- Thumbnail
- Responsive Images
- Images Gallery
- Responsive Embeds
 - Aspect ratio

MATERIALS NEEDED

1. Laptop
2. Internet Access
3. GitHub account
4. Flash drive (optional)
5. Sublime text application

VERIFICATION

Steps to check for student understanding

1. Class review
2. Completion of 9/21/16 assignment

ACTIVITY

Describe activity that will reinforce the lesson

1. Class review (see objectives)
 - a. Class to edit Github web site from the comments section instructions, the layout to reflect a resume.
 - b. The class will change the colors of the resume
 - c. Class to add comments any areas changes were made (CSS or HTML)
 - d. Custom links will be added into the site
 - e. Images in the correct sizes to be added to your site
2. Homework:
 - a. Complete the GitHub profile website.
 - b. Work on All About Me project