CURRICULUM DESIGN

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TECHNOLOGY INSTRUCTOR

Up & Running with Bootstrap

Jen Kramer • Web & PHP Conference • September 16, 2013

It's all about mobile

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Need to convince the boss?

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It's all about mobile

- [Smartphone sales to hit 1bn a year for first time in 2013](#)

- "The smartphone is predicted to become a mass market phenomenon this year, with annual shipments soaring to 1bn globally for the first time, although a fifth of the devices will rarely be used to go online."

- "In 2013…the number of active phones with either a touch screen or an alphabet keyboard to 2bn by the end of the year."

It's all about mobile

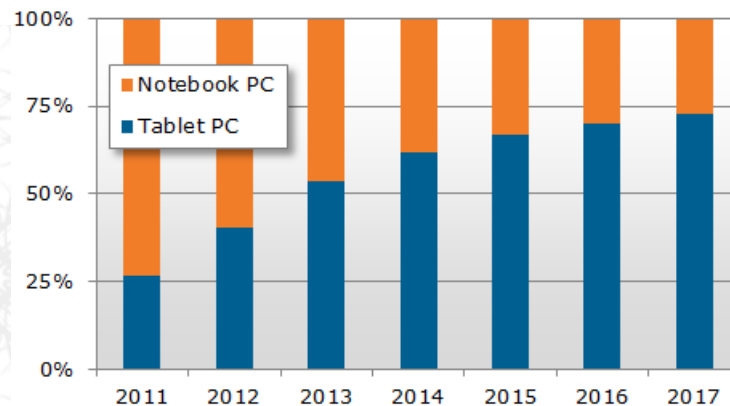mashable.com/2013/01/08/tablets-outsell-notebooks/

It's all about mobile

Two (big) approaches to mobile

- Build a separate mobile-compatible website or mobile app (or both)
- Responsive Design
- [A comparison of methods for building mobile-optimized websites](#)

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Responsive Design

֎ Defined by three characteristics

  o Flexible grid-based layout

  o Images that resize

  o Media queries (CSS3)

֎ www.alistapart.com/articles/responsive-web-design/

MAY 25, 2010

Responsive Web Design

by ETHAN MARCOTTE

Published in: CSS, Layout, User Interface Design, Mobile, Mobile Design, Mobile Development

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A LIST apart
FOR PEOPLE WHO MAKE WEBSITES

What is Bootstrap?

  Twitter Bootstrap is a responsive design framework for building web sites and web applications.

  It is the most popular project in GitHub and is used by NASA and MSNBC among others.

wikipedia.org/wiki/Twitter_Bootstrap

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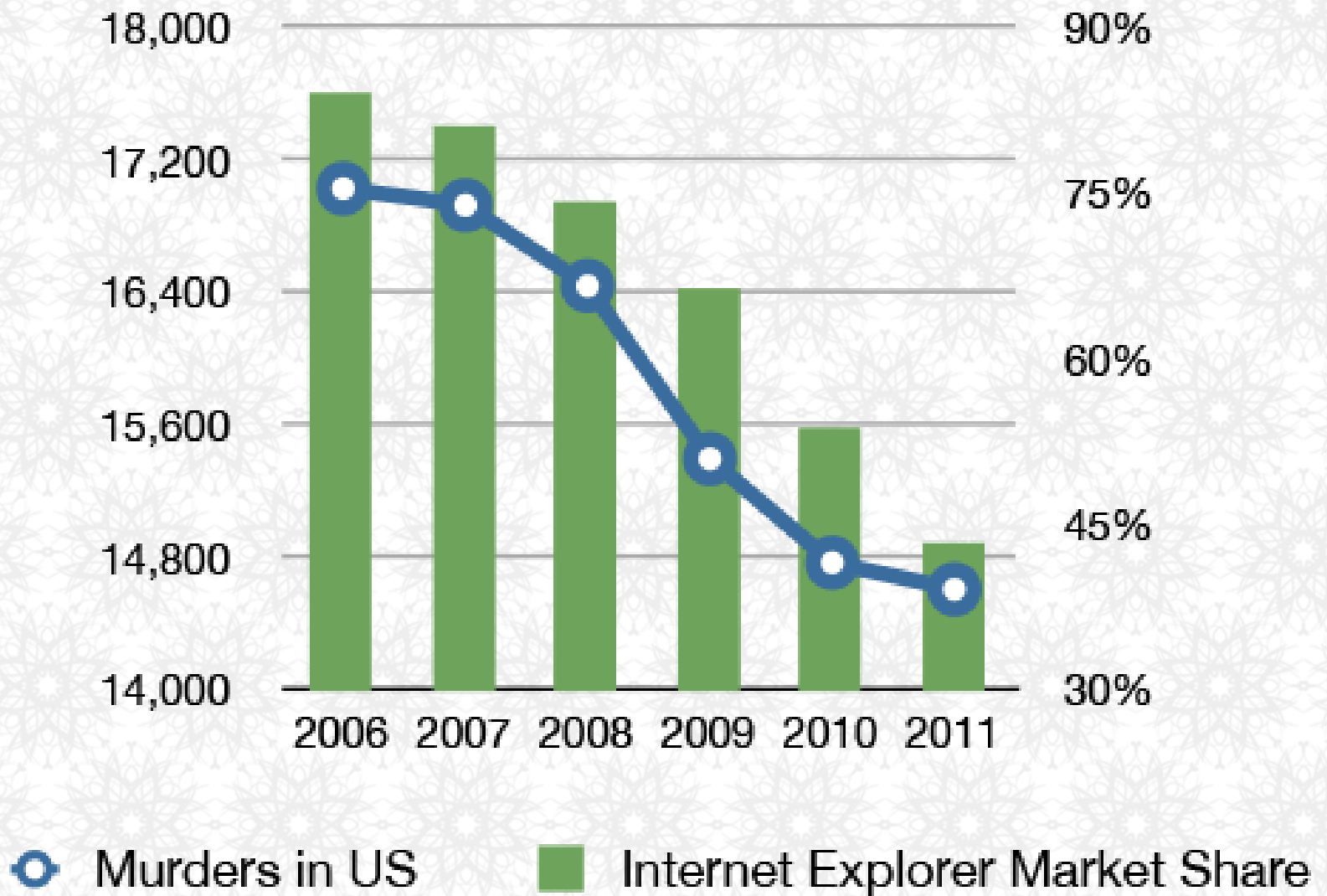TECHNOLOGY INSTRUCTOR

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What is Bootstrap 3?

- Mobile-first approach
- Single (responsive) grid system, including grid sizing for <768 px, >768 px, >992 px, and >1200 px
- Dropping support for IE7 and FF 3.6 (and removing hacks to support them).
- Now supporting IE 8 and higher (with some modifications)
- Font icons, dropping old PNG icons
- Redesigned the Carousel, add Panels and List Groups

Internet Explorer vs Murder Rate

Bootstrap competitors

getbootstrap.com

foundation.zurb.com

15 More Responsive CSS Frameworks Worth Considering

Framework Fight: Zurb Foundation vs Twitter Bootstrap

Who uses Bootstrap?

- Joomla (open source CMS) integrated Bootstrap into version 3.
- Bootstrap unofficial showcase
- Love Bootstrap
- Bootstrap Expo

- A few big names:
  - State of Kentucky
  - code.NASA (with WordPress)
  - Michael's craft store
  - Fender guitars
  - StumbleUpon
  - Salvation Army (Midwest)
  - Medicare.gov
  - Disqus
  - Delicious

Let's code!

∞ ∞

http://www.jenkramer.org/twitter-bootstrap-workshop: Files, software links, and examples here

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Questions?

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