

ITC 250/CPET 499 Web Systems

Computer & Web Technology Trends

References:

- *Website Magazine, November 2014, www.websitemagazine.com
- * World Street Journal
- * U.S. Census Bureau
- * IEEE-CS Unveils Top 10 Technology Trend,
<http://www.computer.org/web/pressroom/2015-tech-trends>

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■ Top Technology Trends for 2014, <http://www.computer.org/portal/web/membership/Top-10-Tech-Trends-in-2014>

- 1) Emergence of Mobile Cloud
- 2) From Internet of Things to Web of Things
- 3) From Big Data to Extreme Data
- 4) The Revolution will be 3D
- 5) Supporting New Learning Styles
- 6) Next Generation Mobile Networks
- 7) Balancing Identity and Privacy
- 8) Smart and Connected Healthcare
- 9) E-Government
- 10) Scientific Cloud Computing

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- Top Technology Trends for 2015,
<http://www.computer.org/web/pressroom/2015-tech-trends>
 - 1) The time is right for wearable devices
 - 2) The Internet of Anything will become all-encompassing
 - 3) Building security into software design
 - 4) Industry will tackle Software-defines Anything (SDx)
 - 5) Cloud security and privacy concerns grow
 - 6) 3D printing is poised for takeoff
 - 7) Predictive Analytics will be increasingly used to identify outcomes (Business Intelligence)
 - 8) Embedded Computing security will get added scrutiny
 - 9) Augmented Reality applications will grow in popularity
 - 10) Smartphone will provide new opportunities for Continuous Digital Health

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Other Topics

- Website Analytics
 - Usage statistics
 - Metrics, Measurement KPIs
 - Big data and analytics
- Web & E-commerce Technologies
 - Live Chat Support
 - Web Conferencing
 - Email marketing Solutions
 - Social network
 - Mobil apps

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Web Technologies

- Live Chat Software
- Live Chat Support Software Review, <http://live-chat-support-software-review.toptenreviews.com/>

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Web Conferencing/Webinar Technologies

- Web Conferencing Technology
- Important Features
 - Ease-of-use:
 - Meeting link, Dial-in number, Email invitation link & join
 - Visual Feature Set:
 - Web cam
 - video conferencing and screen sharing functionality, group video
 - Collaboration Functionality:
 - Hosts, Presenters, Participants
 - Chat (every one, private) , Note
 - Discussion, Content sharing, Collaboration

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Web Conferencing/Webinar Technologies

- Web Conferencing Platform Technology
 - Web Conferencing Software Review, <http://web-conferencing-services.toptenreviews.com/>
 - Adobe Connect, <http://www.adobe.com/products/adobeconnect.html>
 - Cisco WebEx, <http://www.webex.com/>
 - GoToMeeting, <https://www.gotomeeting.com/>

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Other E-Commerce & Web Tech Topics

- Website Magazine, November 2014 Issue, www.websitemagazine.com
- A Brighter Digital Tomorrow: The Online Store of the Future, by Peter Prestipino, pp. 10-11
- SMART KPIs for Internet Retailers, by Peter Prestipino, pp. 16-17
 - **Specific, Measurable, Achievable, Relevant, Time-bound**
- Web Design Trends that Impact SEO, by Derek Schou, page 18

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Other E-Commerce & Web Tech Topics

- Breaking Down Website Barriers, by Allison Howen, pp. 20-21
 - Website Accessibility
 - Designing for your Audience
 - Avoiding Massive Mobile Mistakes
 - Equipping your Site

Other E-Commerce & Web Tech Topics

- Social Media Magic Tricks, by Amberly Dressler, pp. 24-29
- Technology Enables Retailers to Ship from Any Store, by Ian Goldman, pp.30-31
- Social Media Intelligence: It's Not Big Data, It's Precise Data, by Rich Pasewark, pp. 36-37.
- Time to Remodel: A Retailer's Guide to Replatforming, by Scott Houchin, pp. 38-39
 - Migration of content, data and digital assets
 - Platform Lifecycle

Summary

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