CS 337
Web Programming
HTML/CSS/HTTP/JavaScript/PHP/MySQL/CGI/XML/JSON/HTTPD/W3C/OMG No Moar TLAs

Administrivia

Mark Fischer

- No Dr., Just Mark, or Mr. Fischer if you have to be formal
- BS Civil Engineering, UA 2000
- Web Developer - 1998 - Present
- Second time teaching this course
  - Last time most people liked it. Thought I was “hard but fair”
  - Let me know at the end 😊

Contact Me

- fischerm@email.arizona.edu
- cs337-instructors@list.arizona.edu
- Read by Mark and the TAs
- Piazza
  - I probably will not read messages within D2L in a timely manner…
  - Office Hours: Check Piazza
TAs

- Clara Rice
  - cerice2@email.arizona.edu
  - Office Hours:
    - Again, Piazza once we figure them out

Piazza

- https://piazza.com/arizona/spring2016/csc337
- Please sign up ASAP!
- Best place to ask questions
- Can ask private questions directly to the instructors
- Can post anonymously to the class (but I can still see who you are)

D2L

- Used for assignments and turn-ins
- Grades will updated here
- Quizzes will be done through here

Panopto

- Will record lectures and post them on Panopto
- Get to Panopto by logging in to D2L, then clicking on the “UA Tools” menu in the menu bar.
- Yes, this means you don’t have to come to class
- You should still totally come to class
Lectura

- lectura.cs.arizona.edu
- https://www.cs.arizona.edu/computing/services/
- http://www.cs.arizona.edu/computing/web/cgi.html

Resources

- Head First HTML and CSS

Syllabus

Other Details

The Big Picture

- HTML
- JavaScript
- MySQL
- CSS
- HTTP
- PHP
A Bit of History

1941

Jorge Luis Borges created "The Garden of Forking Paths", a short story that is often considered an inspiration for the concept of hypertext

1945

Vannevar Bush describes the "Memex" in an article called "As We May Think"

1963

Ted Nelson coined the terms "hypertext" and "hypermedia" for his Xanadu project
A Bit of History

1963
Ted Nelson coined the terms 'hypertext' and 'hypermedia' for his Xanadu project.

1967
Ted Nelson worked with Andries van Dam to develop the Hypertext Editing System (text editing) at Brown University.

1967
Charles Goldfarb, Edward Mosher, and Raymond Lorie developed the Generalized Markup Language at IBM. Evolved into SGML.

1969
Apple Computer released HyperCard for the Macintosh.

1987
Tim Berners-Lee and Robert Cailliau at CERN wrote "WorldWideWeb: Proposal for a Hypertext Project".
A Bit of History


1990

Tim Berners-Lee creates the first web browser on a NeXT computer.

A Bit of History

“HTML Tags” by Tim Berners-Lee. Influenced by SGML in 1990.

1991

Marc Andreessen and Eric Bina create Mosaic. First graphical browser to show inline images.

A Bit of History


1993

1994
A Bit of History

Marc Andreessen and Jim Clark form Mosaic Communications. Later renamed Netscape

1994

World Wide Web Consortium founded.

1994

HTML 2.0 published by the Internet Engineering Task Force RFC 1866

1995

Internet Explorer Released

Begun, the browser wars have

1996

Håkon Wium Lie and Bert Boss publish CSS 1.0
<table>
<thead>
<tr>
<th>A Bit of History</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Håkon Wium Lie and Bert Boss</strong> publish CSS 1.0 in <strong>1996</strong></td>
</tr>
<tr>
<td><strong>January 1997</strong></td>
</tr>
<tr>
<td><strong>HTML 3.2 Published by the W3C. Includes visual markup</strong></td>
</tr>
<tr>
<td><strong>December 1997</strong></td>
</tr>
<tr>
<td><strong>HTML 4.0 Published by W3C. Deprecates visual markup in favor of Style Sheets</strong></td>
</tr>
<tr>
<td><strong>1998</strong></td>
</tr>
<tr>
<td><strong>W3C Publishes XML 1.0</strong></td>
</tr>
<tr>
<td><strong>1999</strong></td>
</tr>
<tr>
<td><strong>HTML 4.1 Published by W3C</strong></td>
</tr>
<tr>
<td>Year</td>
</tr>
<tr>
<td>------</td>
</tr>
<tr>
<td>1999</td>
</tr>
<tr>
<td>2000</td>
</tr>
<tr>
<td>2000</td>
</tr>
<tr>
<td>2004</td>
</tr>
<tr>
<td>2004</td>
</tr>
<tr>
<td>2008</td>
</tr>
</tbody>
</table>