Alpha Tau Omega Web Site

By: Amos Wood
CSC498 Senior Seminar Project
Overview

- Purpose/Wish to accomplish
- Various tools/experiences used
- New techniques learned
- Heartaches and Stress levels
- Painkillers
- In the future?
Purpose/Wish to accomplish

- A modernized website
- Simple navigation
- Simple homepages
  - All Information was contained on first page w/o scrolling.
- An alumni database
- A guestbook
- A photo upload form to add pictures to the site
Various Tools

- **FrontPage XP**
  - Created most of my web pages with this tool.

- **ColdFusion Server & Studio 5**
  - The alumni interaction with the database.

- **JavaScript**
  - Form validation, scrolling marquee, and the dynamic content.
New Techniques Learned

- **ColdFusion Server & Studio 5**
  - Database interaction.
  - Error checking for empty SELECT statements.
  - File uploads.

- **JavaScript and CSS**
  - Scrolling Marquees
  - Dynamic content on pages for hiding/displaying pictures.
  - Non-underlined hyperlinks.
Heartaches & Stress

- File upload form
  - Ability of ColdFusion tags to accept files.

- Complete generality of site.
  - Forced to use basic/universal HTML to provide the widest range of usability for audience’s browsers.

- No FrontPage Server Extensions!
Pain Killers

- **FrontPage XP**
  - Allowed basic creation of template for navigation and uniformity of the web site which saved time.

- **ColdFusion**
  - Very simple with a little reference book!
  - Allows fast learning of interaction of databases with web sites from a very little knowledge.
  - Superbly robust language.
In the future?

- What would I have done differently?
  - Made an update form for alumni information.
  - Made an administration mode for webmaster.
  - Made my code cleaner with more error checking and browser detection capabilities.