

# CMSI 182

## INTRODUCTION TO COMPUTER SCIENCE

Fall 2008

### Assignment I 120

For networks, we cover web pages from a “low level,” ask more of the usual reflection questions, and give you some incentive for finishing some work that was started earlier in the semester.

### Not for Submission

#### By November 6

- Acquire a Second Life avatar, and e-mail that avatar’s name to me.

#### By November 13

- Read Chapter 4 in the Brookshear book, if you haven’t done so already.
- Consult the *web design resources* section of the course web site (or anything else that you find, electronic or otherwise) for tips and tricks on editing and modifying web pages.

### For Submission

#### Web Tweaks

Submit all work on hardcopy *and* electronically (e-mail, CD, flash drive copy, whatever works for you) by the beginning of our November 20 class.

Download the *zip* archive from the course web site and edit the files in that archive to your liking. At a minimum, do the following:

1. Customize the content on the XHTML pages so that it pertains to you completely; feel free to add or change images or pages.
2. Change something in the CSS file that noticeably affects how the pages are displayed, including background images.
3. Validate your new versions of the mini-web site at <http://validator.w3.org>.

Make your edits using a *plain text editor* such as WordPad on Windows or TextEdit on Mac OS X (you may need to explicitly activate plain text editing on TextEdit; contact me if you need help with that). Do *not* use specialized web editing tools — part of this assignment is learning how to work in “raw” XHTML and CSS.

If there’s anything that you want to do that you can’t find on the web, contact me and I’ll try to

help. Most of all, have fun...whether you’re an experienced web maven or a first-time web author, the idea is to express yourself creatively within the context of this particular set of technologies, as well as to learn how to seek out information on the web and to use available tools (such as the validators in <http://validator.w3.org>) to help in automatically checking your work.

### Reflection

Answer the following questions in the corresponding areas of your modified XHTML pages:

1. You were most likely a heavy user of the Internet long before you took this class. Did anything from the material on networking and the Internet surprise you?
2. After learning the nuts and bolts of how today’s computers communicate with each other, do you feel that security issues are given enough or too little attention by companies, IT services, and the media?

### Extra Credit

The sample files provided for this assignment include sections that appear to gather input for the three algorithms from the beginning of the semester. These sections go all the way to “calling” a JavaScript function that purports to implement each algorithm. As provided, however, these functions do nothing.

You’ll get extra credit if you *correctly implement* these JavaScript functions — in other words, if you finish doing what you first set out to do for Assignment 0930.

Note also that this work helps you with the term portfolio that you will be turning in at the end of the semester. So it’s a “multi-dip” extra credit :)