About Your Tufts CS Account

Any student taking a class with the Tufts University Department of Computer Science is given an email address YOUR_LOGIN@cs.tufts.edu and 50 MB of web hosting space. As of this writing, your email address and web hosting space with Tufts CS is forever. **IMPORTANT: using Tufts CS resources for malicious (e.g., spam) or commercial purposes (e.g., a startup) will result in expulsion from the University!**

Tufts CS provides a cluster for Unix logins.

**If you have not done so already, activate or reset your Tufts CS Unix account at** [https://www.eecs.tufts.edu/~accounts/](https://www.eecs.tufts.edu/~accounts/).

With your Tufts CS account, you can create a personal website that will be available at:

http://www.cs.tufts.edu/~user_name/

or

http://www.ee.tufts.edu/~user_name/

In order to setup your website, you need to create a folder called public_html in your "home directory" (which is usually your current location after you have successfully logged on). This folder will appear to be the root of your personal website.

You will set the correct permissions on your "home directory" and the public_html directories. This can be accomplished by executing the following commands (assume that your login is Isimpson and your command prompt is `>`): **This means that the part after the “>” is what you should type into the terminal**

1. Log on to linux.cs.tufts.edu or homework.cs.tufts.edu
2. lsimpson ~/work/project/ > cd ~
3. lsimpson ~/ > mkdir public_html
4. lsimpson ~/ > chmod 755 public_html (NOTE: 755 is the permissions code for user readable, writable, and executable; group readable and executable; other readable and executable) If you have questions about the permissions system that he describes here, just hit me up and I can explain it to you. If you don’t care, these commands will work just fine.
5. lsimpson ~/ > chmod 711 ~

The default file for your website must be named index.html. Without this file, visitors to your website will see a listing of the files you have in your public_html directory.

As you create new files and directories, you must verify that they have the proper permissions set. The proper setting for all files within public_html is 644, and for all directories is 755.

You can set these by executing:

1. lsimpson ~/ > chmod 755 <directory_name>
2. lsimpson ~/ > chmod 644 <file_name> (NOTE: 644 is the permissions code for user readable and writable; readable by group and others)

Also, you must change your home directory to be executable. That is: chmod 755 ~/.

If one of these steps is not completed, you will get the 403 error (status code)!

Transfer Files From Your Computer to linux.cs.tufts.edu or homework.cs.tufts.edu via scp on Mac OS X and Linux

I would just forget about this and use the sftp method below. If you have some time, it is pretty cool though.
scp securely copies files between hosts on a network. To learn more about scp, run man scp on the terminal.

Say that user lsimpson has two files: index.html and smiley.png in her home directory on her local computer. To transfer them her public_html directory on linux.cs.tufts.edu, she would run:
scp index.html smiley.png lsimpson@linux.cs.tufts.edu:~/public_html

Secure File Transfer via FileZilla (Mac OS X, Windows, Linux)

FileZilla can also be used to transfer files from a local computer to Tufts CS, vice versa. Be sure to select sftp for the protocol!
I also like Cyberduck as an sftp application