DSGN 90: Build your own website or portfolio

Summer Session 2
August 7 – September 7
Class Meeting: F 9-10:50am, HSS 1346
Instructor: Tricia Ngoon (tngoon@ucsd.edu)
Office Hours: F 11am-12pm, Art of Espresso Cafe

This Course

In this course, you will learn basic technical and design skills to build your own website or portfolio. This seminar is also an opportunity for you to help improve course materials for the upper-division Interaction Design (COGS 120) course. Bring your laptop to class each day to complete assignments in class and follow along.

The skills you will learn are:

- Source control with Git and Github
- Web design principles
- Basic HTML/CSS
- Basic JavaScript

Each class session will consist of a lecture on concepts with activities throughout the lecture, followed by time to complete assignments in class. Assignments are due the following Wednesday at 11:59pm.

Prerequisites

No course prerequisites.

Grading

This course is a P/NP course. In order to pass, the following requirements must be met:

- 1 excused absence allowed, no unexcused absences/tardies
- 3 out of 4 assignments graded with a check or higher on a check -, check, and check + scale
- Regular participation in class (giving feedback, participating in activities, answering questions, etc.)

Schedule

Week 1: Source control & basic HTML

- Source control
    - Git basics
    - Using GitHub
- Basic Debugging
- HTML
    - Tags
    - Class vs. id

- o Text
- o Images
- o Hyperlinks
- **Assignment 1:** Outline your webpage in HTML

Week 2: Styling with CSS

- CSS
  - o Bootstrap
  - o Changing text color/size
  - o Styling images
- **Assignment 2:** Add styling to your webpage

Week 3: Interactive web pages

- Javascript & JQuery
  - o Buttons
  - o Functions
  - o Changing text
- **Assignment 3:** Add functionality and pages to your site

Week 4: Intro to Analytics, Show & Tell

- Including Analytics on your site
- Group presentation and critique session
- **Assignment 4:** Finalize site and include Analytics on your site

Week 5: NO REQUIRED CLASS

- (Optional) Extended Office Hours to talk about your website, design courses, getting involved, etc.
- Finals week