

## CSCI 491/591 Homework 4

When you leave this university, you need a way to present yourself and the work that you have done. One of the best ways is to not only show you work but describe who you are. You are to start creating a web presence about yourself. Start by describing who you are and what you are about.

Make sure the page is “intuitive” for all users. Also, make sure that it works on different sized devices (PC vs. Tablet vs. Mobile) as best as possible.

Specifics:

1. Add a new page that shows at least two different HTML5 Canvas elements.
  - a. One non-interactive visualization of some sort. It should be based off some data. (what kind of data is up to you)
    - i. Make sure the script is in a different file than your HTML page.
    - ii. Make sure all resources (data, images, etc) are in an organized file structure
  - b. One interactive piece that shows key events or mouse events within it.
    - i. Make sure the script is in a different file and just included in your HTML page.
    - ii. Make sure all resources (data, images, etc) are in an organized file structure
    - iii. It should store any data (like a high scores, current location, etc) in Web Storage
2. Create a Web Worker that reads in a dataset from one of these sources:  
<https://github.com/jdorman/awesome-json-datasets> and provides a nicer display when all the data has been read in.
3. Upload both the non-interactive and interactive pages/scripts into your GitHub repository and add a link to your repository in your debug paper.
4. Describe in a short paper how you debugged any errors that came up