

## School of Information Technology

### ITEC 2380 - Lab 9

#### Background

The goal of the next few labs will be to design and create your first 'portfolio' website. This website you can use to create a resume, organize your projects, and give future employers an opportunity to learn a little bit about you. In the end, you should have a live website at a URL you feel comfortable with giving out that highlights your skills and interests. My hope that this will be the beginning of something you can continually improve over the next few years as you work through the program at MGA. No matter your concentration or field of focus, this website could be very valuable in securing your first IT position.

Related Websites - <https://www.awwwards.com/websites/portfolio/>

#### Lab 9

Modify your portfolio to create and link in the *Donate.htm* web page.

I will want to see at least:

Design an HTML form that collects information for collecting payments:

- Title/Gender - radio buttons (Mr, Ms., Mx., etc)
- First Name
- Last Name
- Email Address
- Date
- Phone Type - <select> dropdown
- Phone Number
- Price
- Credit Card #
- Security Code
- Agree to Terms? - Checkbox
- Uses HTML5 validation techniques and/or Javascript
- Inputs have matching <label for="X"> tags
- HTML validator stays happy (green and no errors)
- CSS only exists in an external file
- Refer to this week's Lab video for clarification or ask in D2L discussions.
- If you want to get an idea of what it really takes to process credit cards I'd suggest reading
  - <https://developer.authorize.net/>
  - <https://developers.google.com/payments/web/setup>

## Lab Grading Policy

- Outcomes should be unique and reflect your design choices
- I encourage you to use the validators to find errors in your code
- <https://validator.w3.org/> - I will take off for HTML errors
- <http://jigsaw.w3.org/css-validator/> - I will not take off for CSS errors as long as you're using CSS correctly. Jigsaw is pretty strict IMHO but it can help you find some errors.
- Lab should fulfill all required elements and be submitted as a **.zip** or **.rar** file to D2L Dropbox