Assignment 2

Due: Wednesday, July 18, 1 PM

In this assignment, you will learn about HTML/CSS and how create a basic webpage. To submit your assignment, you need to upload HTML/CSS documents to your webspace on I School and send the link of your web page to Rami (taibah@gmail.com)

Part 1:

Produce an **HTML** version of your **resume/curriculum vitae**. If you do not have one, either create one (this will be useful for applying to jobs in the future) or find a sample resume online and use that to provide the content for this task.

Using HTML tags and elements, create the structure and layout of your resume. For example:

Sample resume:

JONATHAN W. MOHLER
117 Ivy Drive, Apt# 7 • Charlottesville, VA 22903 • (434) 220-5207
MohlerJ02@darden.virginia.edu

EDUCATION

DARDEN GRADUATE SCHOOL OF BUSINESS ADMINISTRATION — **CHARLOTTESVILLE, VA**
UNIVERSITY OF VIRGINIA
Candidate for Masters of Business Administration, May 2002
- Entrepreneurs' Club, Finance Club
- GMAT: 730

GEORGE MASON UNIVERSITY — **FAIRFAX, VA**
Bachelor of Science, Finance, January 1998
- Dean's List, 7 semesters. GPA: 3.69
- Financed 100% of education through part-time employment and student loans

EXPERIENCE

Summer 2001 — **DARDEN PROGRESSIVE INCUBATOR** — **CHARLOTTESVILLE, VA**
New Venture Consultant
Advised ventures on issues relating to marketing, competitive strategy, and early-stage financing.
- Negotiated a term sheet with a venture capital firm. Largely responsible for the inclusion of revenue milestones in the equity vesting agreement.
- Wrote the business plan for a financial services venture, helping the firm secure investor financing by summer's end. Served as the VP of Business Development. During this period, revenues tripled and the client base quadrupled.
- Critiqued the investor presentations of several incubator ventures, offering strategic guidance and general commentary.

1998 – 2000 — **FEDERAL RESERVE BOARD** — **WASHINGTON, DC**
Financial Systems Analyst
Provided primary analyst support to economists responsible for the production of the monetary aggregates and the implementation of monetary policy.
- Performed analyses of the Board's daily and weekly surveys of deposits. Utilized bank financial reports and market data to assist economists in determining open market operations.
- Maintained a web-based system to analyze retail 'sweep' accounts and to project the impact on monetary aggregates.
- Tested the Y2K compliance of five applications critical to the production of the monetary aggregates. Participated in the audit of testing procedures and critiqued test script logic.

1995 – 1998 — **LMR INTERNATIONAL, INC.** — **MCLEAN, VA**
Systems Manager
Designed and implemented automated systems to streamline and manage tasks related to the construction of local and national wireless telecommunications networks.
- Analyzed queries to determine the possible availability of radio frequencies. Reviewed internal databases and compared data with government listings to ensure accuracy.
- Created a program to help identify potential impediments that would hinder the flow of time-sensitive inventories valued at $5MM. Developed a database to track the processing, construction, and sale of FCC radio station licenses.

1990 – 1994 — **UNITED STATES MARINE CORPS** — **CAMP LEJEUNE, NC**
Squad Leader, Anti-Armor Platoon
Supervised and ensured the combat readiness of a five-man Marine anti-armor squad.
- Participated in Operation Desert Storm. Remained in Southwest Asia four months after the cease-fire to serve as a military liaison to Saudi Arabian Nationals contracted to perform services for the Allied Forces.

Sample HTML code for this resume:

```
<html>
  <body>
    <h1>Jonathan W. Mohler</h1>
    <div id="contact">117 Ivy Drive, Apt# 7 &bull; Charlottesville, VA 22903
      &bull; <a href="tel:4342205207">(434) 220-5207</a> <br />
<a href="mailto:Mohler302@darden.virginia.edu">Mohler302@darden.virginia.edu</a>
    </div>
    <hr />
                <div id="education">
      <div class="section">
<span class="department">
          Darden Graduate School of Business Administration
</span>
<span class="location">
          Charlottesville, VA
</span>
<div class="school">
          University of Virginia
</div>
<div class="title">
          Candidate for Masters of Business Administration, May 2002
</div>
<ul>
          <li>Entrepreneurs' Club, Finance Club</li>
          <li>GMAT: 730</li>
</ul>
      </div>
                …
    </div>
    <div id="experience">
      <div>
<div class="employer">
          Darden Progressive Incubator
</div>
<div class="title">
          New Venture Consultant
</div>
      </div>
      …
    </div>
  </body>
</html>
```

Your resume should **at least include an education section** and a **work experience section** (if you do not have any work experience, create a section that shows your extra-curricular activities or interests that you have). **Include links** for your **email & phone** information (you can make

this up instead of inserting your real contact info), using the “mailto” and “tel” specifiers. Also, **include links for any organizations** listed in your resume (i.e., if you have UC Berkeley in your education section, it should be linked to the UC Berkeley website). You should **mark up** your HTML elements with **classes and ids**.

This part of the assignment will be primarily graded on the **structuring of your content**, whether it makes sense why you’ve broken up the content into their appropriate parts (i.e., all of the divs are properly nested together), and the **cleanliness of your HTML code** (proper indentation, appropriate name choices for class names and id names).

Part 2:
After you have furnished the content for your resume, create **two** CSS stylesheets, **style.css** and **print.css**, to modify the look and feel of your resume: one for the online version of your resume, and the other for a printed version of your resume. In particular, here are some key factors to keep in mind for online documents compared to printed documents:

1. It’s better to have sans serif fonts (i.e. Arial, Helvetica) in online documents, while serif fonts (i.e. Times New Roman, Garamond) look better on paper
2. Includes at least one background image using CSS
3. Demonstrate an understanding of Inheritance and Cascading
4. Demonstrate an understanding of either a fixed, elastic, or fluid layout
5. You don’t want to have colored backgrounds for printed documents
6. Printed documents should minimize the print space so that you don’t waste paper
7. While it makes sense to have links for online documents, you probably would want to remove underlines and colors for the links in a printed document
8. Display the URL for a link on your page

These are just a few guidelines for the difference between online and print documents, and they are by no means comprehensive.

In your HTML document, add the following code for the print version of your webpage:
```
<link rel="stylesheet" href="print.css" type="text/css" media="print" />
```

You should use **at least 10 different CSS selectors** in both of your stylesheets, with at least **one id selector** and **one class selector** (both of these count towards the 10 selector minimum).

Please ensure your style sheet is validated using W3C CSS validator with no errors or warnings. If there are any warnings that you cannot correct, explain why.

This part of the assignment will be graded on the **number of selectors used** and the **aesthetic differences** from the stylesheet.