Name: Andrew Parsons
TMU ID: 500992021
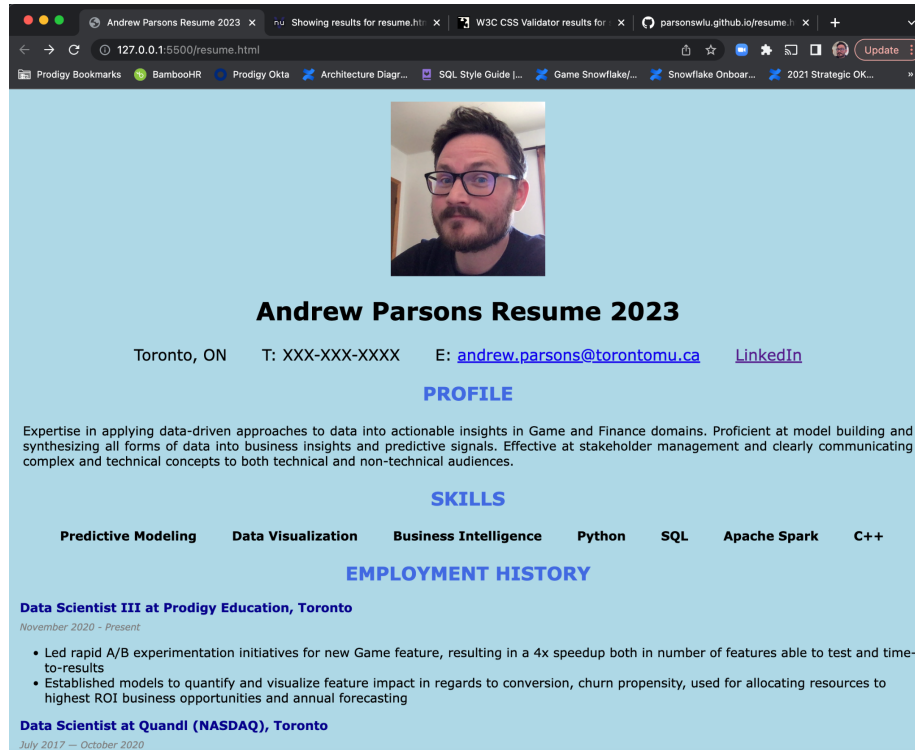Due Date: Feb 4, 2023
Github Repo Link: https://github.com/Parsonswlu/parsonswlu.github.io/tree/main/CCPS530_Lab1
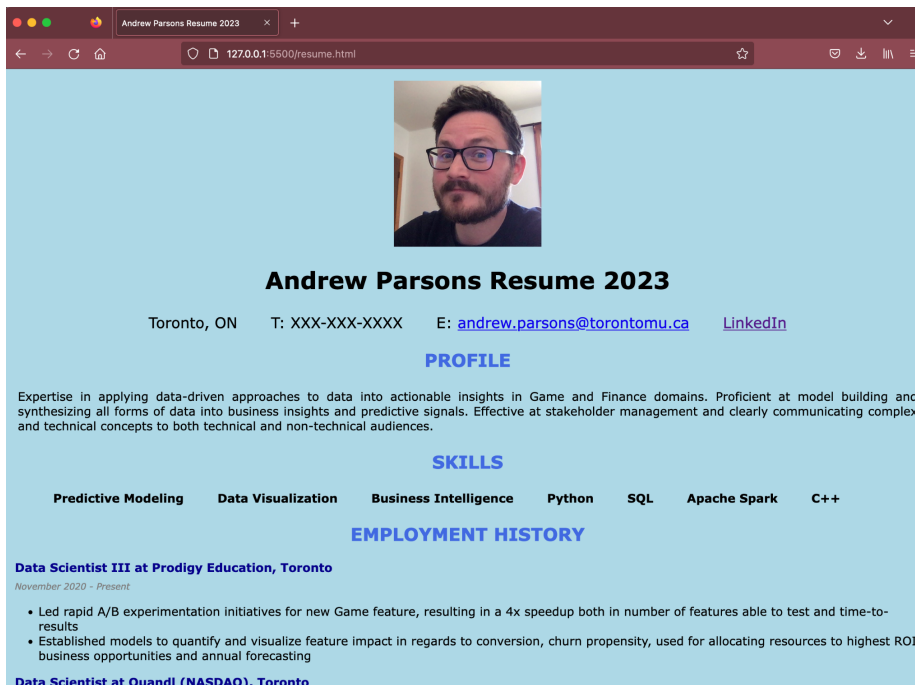
CCPS 530 - Web Systems Development - Lab 1

HTML Displayed on Browsers

- **Google Chrome:**

- **Firefox:**

HTML Checker

- ● Validator Results from https://validator.w3.org/

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for resume.html

Checker Input

Show ☑ source ☐ outline ☐ image report [Options…]

Check by [file upload ∨] [Choose File] No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

[Check]

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

[Message Filtering]

Document checking completed. No errors or warnings to show.

Source

```
1. <!DOCTYPE html>
2. <html lang="en">
3. <head>
4.     <meta charset="UTF-8">
5.     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6.     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7.     <title>Andrew Parsons Resume 2023</title>
8.
9.     <link rel="stylesheet" href="style.css">
10. </head>
11. <body>
12.     <p class="top-profile"><img src="img/andrewparsons_wfh.jpg" alt="Image of Andrew Parsons" width="200"></p>
13.     <h1 class="top-profile">Andrew Parsons Resume 2023</h1>
14.
15.     <ul class="contact-info">
16.         <li>Toronto, ON</li>
17.         <li>T: XXX-XXX-XXXX</li>
18.         <li>E: <a href="mailto:andrew.parsons@torontomu.ca" target="_blank">andrew.parsons@torontomu.ca</a></li>
19.         <li><a href="https://www.linkedin.com/in/atparsons/" target="_blank">LinkedIn</a>
20.     </ul>
21.
```

CSS Checker

- ● Validator Results from https://jigsaw.w3.org/css-validator/

W3C The W3C CSS Validation Service
W3C CSS Validator results for style.css (CSS level 3 + SVG)

Jump to: Validated CSS

W3C CSS Validator results for style.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as CSS level 3 + SVG !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:

```
<p>
    <a href="http://jigsaw.w3.org/css-validator/check/referer">
        <img style="border:0;width:88px;height:31px"
            src="http://jigsaw.w3.org/css-validator/images/vcss"
            alt="Valid CSS!" />
    </a>
</p>
```

```
<p>
    <a href="http://jigsaw.w3.org/css-validator/check/referer">
        <img style="border:0;width:88px;height:31px"
            src="http://jigsaw.w3.org/css-validator/images/vcss-blue"
            alt="Valid CSS!" />
    </a>
</p>
```

(close the img tag with > instead of /> if using HTML <= 4.01)

Interested in understanding what new technologies are coming out of W3C? Follow @w3cdevs on Twitter to keep track of what the future looks like!

Donate and help us build better tools for a better web.

If you like, you can download a copy of this image to keep in your local web directory, and change the XHTML fragment above to reference your local

Technical Report

1. HTML Code Presented on the Page ("resume.html")

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Andrew Parsons Resume 2023</title>

    <link rel="stylesheet" href="style.css">
</head>
<body>
    <p class="top-profile"><img src="img/andrewparsons_wfh.jpg" alt="Image of Andrew Parsons"
width="200"></p>
    <h1 class="top-profile">Andrew Parsons Resume 2023</h1>

    <ul class="contact-info">
        <li>Toronto, ON</li>
        <li>T: XXX-XXX-XXXX</li>
        <li>E: <a href="mailto:andrew.parsons@torontomu.ca"
target="_blank">andrew.parsons@torontomu.ca</a></li>
        <li><a href="https://www.linkedin.com/in/atparsons/" target="_blank">LinkedIn</a>
    </ul>

    <h2 class="section-heading">PROFILE</h2>
    <p class="section-text">Expertise in applying data-driven approaches to data into actionable
insights in Game
        and Finance domains. Proficient at model building and synthesizing all forms of data
        into business insights and predictive signals. Effective at stakeholder management
        and clearly communicating complex and technical concepts to both technical and
        non-technical audiences.
    </p>

    <h2 class="section-heading">SKILLS</h2>
    <ul class="skills-section">
        <li>Predictive Modeling</li>
        <li>Data Visualization</li>
        <li>Business Intelligence</li>
        <li>Python</li>
        <li>SQL</li>
        <li>Apache Spark</li>
        <li>C++</li>
```

```html
    </ul>

    <h2 class="section-heading">EMPLOYMENT HISTORY</h2>

    <p class="employer-role-title">Data Scientist III at Prodigy Education, Toronto</p>
    <p class="employer-tenure">November 2020 - Present</p>
    <ul>
        <li>
            Led rapid A/B experimentation initiatives for new Game feature, resulting in a 4x
            speedup both in number of features able to test and time-to-results
        </li>
        <li>
            Established models to quantify and visualize feature impact in regards to conversion,
churn propensity,
            used for allocating resources to highest ROI business opportunities and annual
forecasting
        </li>
    </ul>

    <p class="employer-role-title">Data Scientist at Quandl (NASDAQ), Toronto</p>
    <p class="employer-tenure">July 2017 — October 2020</p>
    <ul>
        <li>
            Two-part role: acting both as product manager for data products, as well as quantitative
            researcher extracting tradable signals from "alternative" datasets for financial market
end users
        </li>
        <li>
            Responsible for designing, building, and back-testing data products built on exhaust
data of partner firms,
            as well as educating and onboarding clients to integrate products into their investment
process
        </li>
    </ul>

    <p class="employer-role-title">Associate at DGAM (The Carlyle Group), Toronto</p>
    <p class="employer-tenure">2009 — 2015</p>
    <ul>
        <li>
            Built internal risk analytics and responsible for risk oversight for Carlyle's direct
hedge fund products
        </li>
        <li>
            Pioneered the Advisory business line, guided selection and investment due diligence of
hedge fund managers,
            crafted portfolio construction and risk monitoring processes
```

```html
        </li>
        <li>
            Crafted bespoke performance, risk and market analysis reports for clients of fund of
hedge fund portfolios
        </li>
    </ul>


    <h2 class="section-heading">EDUCATION</h2>

    <p class="employer-role-title">Computer Science (Part-Time), Ryerson University, Toronto</p>
    <p class="employer-tenure">2019 — Present</p>

    <p class="employer-role-title">Master of Finance, University of Toronto (Rotman), Toronto</p>
    <p class="employer-tenure">2014 — 2016</p>

    <p class="employer-role-title">Mathematics, University of Waterloo, Waterloo</p>
    <p class="employer-tenure">2003 — 2008</p>

    <p class="employer-role-title">Business Administration, Wilfrid Laurier University, Waterloo</p>
    <p class="employer-tenure">2003 — 2008</p>

</body>
</html>
```

- CSS ("style.css")

```css
body {
    font-family:Verdana, Geneva, Tahoma, sans-serif;
    background: lightblue;
}

.top-profile {
    text-align: center;
}

.contact-info {
    list-style-type: none;
    text-align: center;
    margin: 0;
    padding: 0;
}

.contact-info li {
    display: inline-block;
    font-size: 20px;
    padding: 4px 20px;
}

.section-heading {
    color: royalblue;
    text-align: center;
}

.section-text {
    color: black;
    text-align: justify;
    padding: 4px 12px;
}

.employer-role-title {
    color: darkblue;
    font-size: 16px;
    font-weight: bold;
    margin: 8px;
}

.employer-tenure {
    color: grey;
    font-size: 12px;
    font-style: italic;
    margin: 8px;
```

```
}

.skills-section li {
    display: inline-block;
    font-size: 16px;
    padding: 4px 20px;
    font-weight: bold;
}
```

2. What tags you used and why you chose them?

- **html, head, body** tags
  - Default when creating the `html:5` scaffolding in Visual Studio.
  - Why: Minimum requirements for displaying content on a web page.
- **title** tag
  - Default when creating the `html:5` scaffolding in Visual Studio.
  - Located within the **head** section of the HTML
  - Why: Displays the title of the web page on the browser's tab ("Andrew Parsons Resume 2023")
- **link** tag
  - Used to link other files to the HTML file, in this case a "stylesheet" CSS file
  - Located within the **head** section of the HTML
  - Why: Separate HTML content from the style components, importing from a separate CSS file "style.css"
- **img** tag
  - Used to provide an image reference to display on the web page
  - Located within the **body** section of the HTML
  - Why: To include an image at the top of the page - putting a face to a name
- **a** tag
  - Used to create a clickable link to a (potentially) different web page, email address or file
  - Located within the **body** section of the HTML
  - Why: To provide a "mailto:" email and "https://" LinkedIn link on the page
- **p** tag
  - Used to separate content on the page by creating a new paragraph
  - Located within the **body** section of the HTML
  - Why: Isolate different content and style sections
- **h1, h2** tags
  - Used to create different header levels
  - Located within the **body** section of the HTML
  - Why: Partly as a requirement of the Lab, partly to separate the largest header size / style (h1) to represent the most important section at the top ("Andrew Parsons Resume 2023") vs the smaller sections throughout ("Employment History", "Education", "Skills", etc.)
- **ul, li** tags
  - Used to create an unordered list (**ul**) on the page and a series of list items (**li**) in that list
  - Located within the **body** section of the HTML
  - Why: To present a list of items under the same topic - i.e. skills, responsibilities at a former company, etc.

3. Which web browsers did you use to view your page and are there rendering differences between browsers? You may add screenshots to your report.

- I tested the page with both Google Chrome and Firefox browsers
- I could not find any rendering differences between the browsers
- Screenshots are provided on page 1 of this report

4. How long did you spend on this lab? The length of time includes readings and research and code experimentation. State time involved in readings and research as well as code experimentation sessions.

- I spent approximately 2.5 hours on this lab.
- It took about 1.5 hours to develop the idea layout, looking up the specific HTML / CSS syntax, copy/pasting from examples discussed in class, applying variable naming according to a code style guide [Link to Google Style Guide for HTML/CSS]
- It then took about another hour to do the validation, take screenshots, write up the technical report, etc.