HTML/CSS/Bootstrap

We are going to start by creating a page using HTML

1. open Atom

2. save index.html

3. type html (then enter) to get basic structure (html/head/body)

4. **Tags**

   - `<title>`
   - `<div>`
   - `<h1> <h2>` , etc.
   - `<a href>`
   - `<img>` (doesn't require closing tag, use alt)
   - `<p>`

5. You try it - add a p tag with some text

6. **Check-in**

   - Are you able to open index.html?
   - Do you see your title?
   - Do you see text on the page?
   - Do you see your image?

Next, add some style with CSS

1. create main.css

2. add background color to html tag

3. link index.html to main.css

4. reference the css class in the html file

5. Selectors/Properties/Values

   - html/background-color
   - heading/color
   - img/border
   - img/size (px vs %)
   - contents/text-align center

6. You try it - add a border to your image, change the color of your header text, and explore additional styling

7. **Check in-**

    - Do you see the text color change?
    - Do you see a border on your image?
    - What styles did you explore and find interesting?

Finally, add a second page and Bootstrap

1. create resume.html

2. link to main.css and bootstrap css

3. Add bootstrap cdn to both pages
   https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css

    - getbootstrap.com
    - Did anything change?

4. Use Bootstrap to style the image on index.html page

    - add img-responsive
    - center with center-block
    - img-rounded

5. Style the button that links to resume.html

    - btn btn-default
    - btn-primary/btn-success/btn-info/btn-warning/btn-danger
    - change button size btn-lg/btn-sm/btn-xs

6. **You try it**

    - Style the button's color and size

7. Style the main header

    - well
    - text-uppercase
    - text-center

8. Bootstrap grid system

    - container vs container-fluid
    - rows/columns (2 rows, 2 columns each)
    - Make sections for Education/Profile/Skills/Work Experience

- col-sm-12 vs col-sm-4 and col-sm-8 (responsiveness!)

9. **You try it**

  - Explore what happens if you change the column sizes

10. Style content in the columns

  - headings
  - add content to p tags
  - add a list of skills with `<ul>` and `<li>`
  - add an image

11. **You try it**

  - Admire your work!