

## Assignment FP4 – Final Project

Aryan Grover

### 1. Responsiveness:

Desktop: 1440x1062

Mobile/Tablet: 840x1062

### 2. Accessibility:

The following apply to the entire page:

Address: <https://aryan-grover.github.io/teach-pui-exa>

Styles: OFF ON

**Summary**

| Category            | Count |
|---------------------|-------|
| Errors              | 0     |
| Contrast Errors     | 0     |
| Alerts              | 3     |
| Features            | 32    |
| Structural Elements | 5     |
| ARIA                | 9     |

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

[View details](#)

Masters in Human Computer Interaction

Carnegie Mellon University

CMU MHCi waived off their GRE (Graduate Record Examination) requirement for Fall 2023  
(Link)

Show all Computer Science Design Psychology Architecture Others

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**Details**

3 Alerts

- 1 X Missing first level heading
- 1 X Redundant link
- 1 X Underlined text

32 Features

- 10 X Alternative text
- 21 X Linked image with alternative text

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The following apply to the entire page:

**Masters in Human Computer Interaction**

| Program                                 | University | Description  |
|---|------------|--|
| Human-Computer Interaction Institute    | CMU        | Master of Human-Computer Interaction (MHC) Carnegie Mellon University    |
| HCDE                                    | UW         | Human Centered Design and Engineering (HCDE) University of Washington    |
| Georgia Tech Human Computer Interaction | Georgia    | Master of Human Computer Interaction (MS-HCI) Georgia Tech               |
| SCHOOL OF INFORMATION                   | Umich      | Master of Science in Information (MSI) University of Michigan            |
| STANFORD UNIVERSITY                     | Stanford   | Master of Human-Computer Interaction (MHC) Stanford                      |
| Pratt                                   | Michael    | Human Centered Design and Engineering (HCDE) Pratt                       |
| RIT                                     | RIT        | Master of Human Computer Interaction (MS-HCI) RIT                        |
| THE UNIVERSITY OF TEXAS AT AUSTIN       | UT         | Master of Science in Information (MSI) The University of Texas at Austin |

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### 3. Part 1:

This website is a one-stop solution for students who are applying to universities in the US for a Master's in Human-Computer Interaction. There is a lot of information available online, but most of it is inaccurate or unorganized. Moreover, students often try to reach out to current students in the graduate program that they want to pursue however, there is

no collated database of profiles available. Students try to search for profiles on LinkedIn but can't filter them according to their needs. My website aims to solve this problem by using three core functionalities: An announcement section that displays the latest application announcements from top HCI graduate schools, requirements for the programs, and finally the option to filter profiles based on backgrounds so that prospective students can compare their profiles and reach out to relevant students for help.

To make this website engaging, I have used some micro-interactions: the auto-scrolling of the announcements carousel, high-quality real images, and filtering of the content based on user requirements. Also, I made this website responsive so that users can view it not only on a desktop computer but also on a tablet and mobile.

My target audience is people who want to pursue an MS in Human-Computer Interaction in the United States.

#### 4. **Part 2:**

- Users can click on the Navigation bar elements to switch between the profiles and requirements page.
- Users can click on the carousel buttons/keys/bottom bar on the profiles page to toggle between announcements.

- Users can filter profiles based on the background of the students by clicking on the filters bar on the profiles page
- Users can click on the Linkedin icon to view their Linkedin profiles, the Browser icon to view their portfolio, and the mail icon to email the current students for help on the profiles page
- Users can find more information about university requirements on the Requirements page by clicking on the university requirement card.

### 3. Part 3:

- Name of tool: Bootstrap
- Why you chose to use it? (2-4 sentences max)

Bootstrap provides a great framework for users to make responsive grid systems, is customizable, and offers cross-browser capabilities.

- How you used it? (2-4 sentences max)

I have used Bootstrap to make responsive grid systems for the profiles section as well as the requirements page. Moreover, I have also used Bootstrap to make a responsive Navigation Bar

- What does it add to your website? (2-4 sentences max)

It made the website responsive: the profile section, requirements section, and navigation bar.

#### **4. Part 4:**

When I started with the project, I didn't think about how each element would look when users used devices like tablets or phones. It was during the implementation of the project that I had to figure out how different elements would appear on various screens, and then modify them appropriately. I added some design elements like Tags for student backgrounds to give a better experience and feedback to users when they applied filters.

#### **5. Part 5:**

- I used Svelte to build my website at first, but I had to switch because the learning curve was too steep and the time constraints for the project deliverables. I then switched to Webflow to make my website (a complete website with many functionalities and responsiveness) but then I had to switch to Bootstrap for a week for the final submission. I think that switching between so many libraries and tools was quite challenging.

Deployed website: <https://aryan-grover.github.io/teach-pui-example/>

Repository link: <https://github.com/Aryan-Grover/teach-pui-example>

