

## PUI Final Project Deliverable

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Website is **responsive** for Macbook Air (M2, 2022) Google Chrome browser AND Cellular Device (width < 780 px) see style.css line 691 - 732

Screenshots of WAVE for **accessibility**:

The following apply to the entire page:

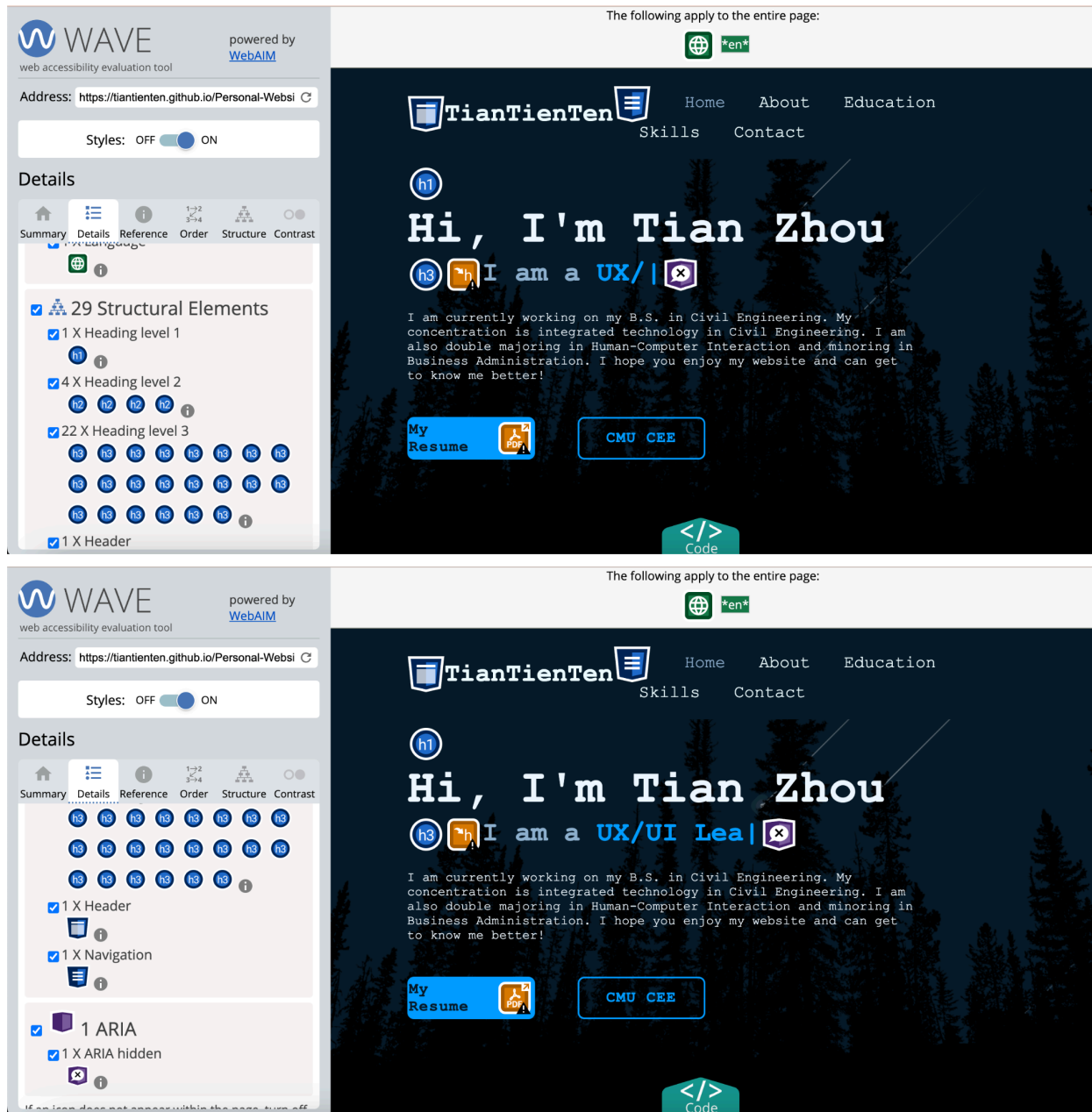
Summary

Category	Count
Errors	0
Contrast Errors	0
Alerts	2
Features	7
Structural Elements	29
ARIA	1

Details

- 2 Alerts
  - 1 X Skipped heading level
  - 1 X Link to PDF document
- 7 Features
  - 1 X Alternative text
  - 5 X Form label
  - 1 X Language

The screenshots show the WAVE accessibility evaluation tool interface. The left panel displays the summary and details of the accessibility issues found on the website. The right panel shows the website content with WAVE annotations, including heading levels (h1, h3) and contrast errors. The website content includes a navigation menu, a greeting, a bio, and links to a resume and CMU CEE.



Write up:

## Part 1: Website Description

My website is a digital canvas illustrating my academic and professional journey. It's designed to connect with potential collaborators, employers, and peers by highlighting my academic background, showcasing my skills, and offering a glimpse into my work experiences. The engaging interface—complete with CSS animations and interactive elements—invites users to explore my narrative in an immersive environment. My target audience encompasses industry professionals, fellow students, and academic mentors interested in my progress and potential.

## Part 2: User Interactions

Navigation Menu: Click on the menu items to visit different sections—Home, About, Education, Skills, and Contact. Change in colors of the navigation text to indicate which section user is at right now.

Animated Introduction: View an animated text carousel on the Home page highlighting my roles and identities.

Hover Effects: Hover over the buttons and skill trees to see color changes, indicating interaction points.

Contact Form: Input details into the form and submit to simulate messaging, with console output confirming the action.

Contact Form Submission: At the end of the website, user can input their personal information

## Part 3: External Tool Usage

Tool: Typed.js

This tool adds a dynamic, typewriter-like effect to text, which captures the user's attention immediately upon landing on the homepage.

It animates the presentation of my various identities and roles, making the introduction lively and personal.

It contributes to storytelling, giving life to static text and providing an engaging visual hook.

## Part 4: Design Iteration

The initial design was functional but lacked engagement. Incorporating feedback, I enhanced interactivity with animated elements and streamlined navigation. The evolution from a static presentation to an animated journey significantly improved the user experience.

## Part 5: Implementation Challenges

Ensuring accessibility while maintaining design integrity required thoughtful iterations and optimizations. Ensuring the contact form are within the label tag while balancing the overall visual design of the form section.