

# Homework Assignment: Personal Bio Page (Modern HTML + CSS)

Course: CS 430 Tool: Visual Studio Code Deliverable: ZIP submission

You will build a modern, sleek personal bio/portfolio webpage using semantic HTML and an external CSS file. You do not need a resume. You may use either real information about yourself or a fictional persona (invented name, background, experience, etc.). The goal is to demonstrate clean structure, modern layout, and professional styling.

**Theme:** A single-page site with a header + navigation, multiple sections (About, Skills, Experience/Projects, Education, Highlights, Contact), and a polished design similar to a modern portfolio page.

## Learning Goals

- Use semantic HTML elements correctly (header, nav, main, section, footer).
- Create a modern layout with CSS Grid and/or Flexbox.
- Apply strong typography, spacing, and visual hierarchy.
- Include required HTML elements (lists, images, blockquote, form) with accessibility basics.
- Produce a responsive design with a mobile-friendly layout (media query).

## Requirements

### A) Files

- index.html
- styles.css
- assets/ folder containing any images you use

### B) HTML Structure (Must Include)

- DOCTYPE declaration: <!DOCTYPE html>
- <html lang="en">
- <head> with: charset, viewport, title, description, and link to external CSS
- <header> containing your name/site title
- <nav> with internal links in a list (<ul> + <li>)
- <main> containing at least 5 distinct <section id="..."> blocks
- <footer> with closing text
- At least 1 <blockquote> with a <cite>
- At least 2 lists total: one <ul> and one <ol>

- At least 3 images (`<img>`) with meaningful alt text
- At least 1 form (contact or feedback) with labels for each input (name, email, message minimum)

### C) Content (What to Write)

- **About Me:** 1–2 paragraphs
- **Skills:** at least 6 skills (can be a list or chips/tags)
- **Experience or Projects:** at least 3 entries
- **Education:** at least 2 entries
- **Highlights / Fun Facts:** at least 5 bullet points
- **Contact:** include the form and at least one contact method (email or social link)

### CSS Requirements

- Use CSS variables in `:root` (example: `--bg`, `--text`, `--accent`).
- Use CSS Grid or Flexbox for layout in at least two different areas.
- Modern styling: consistent spacing, readable typography, clear section hierarchy, card-style blocks.
- At least one hover effect (nav links and/or buttons).
- At least one media query for responsiveness (example: `@media (max-width: 900px) { ... }`).
- Create and use at least two button styles (example: `.btn`, `.btn-primary`).

### Deliverables & Submission

Submit one ZIP file to Blackboard using the naming format below. Your ZIP must open cleanly and run by opening `index.html` in a browser.

**ZIP name:** CS430\_HW\_BioPage\_LastName\_FirstName.zip

#### ZIP contents:

- `index.html`
- `styles.css`
- `assets/` (your images)

### Grading Rubric (100 points)

Category	Points
Semantic HTML structure & required tags	25
Content completeness & organization	20

CSS quality (layout, spacing, modern look)	25
Responsive design (media query + mobile usability)	15
Accessibility basics (alt text, labels, headings)	10
Clean code (indentation, comments, file organization)	5

**Extra Credit (choose up to 2, +5 points each)**

- Sticky header with translucent blur effect
- Back-to-top link or button
- Light/dark theme toggle using CSS classes (no framework required)
- Subtle transitions/animations (hover lift on cards, button transitions)
- Projects grid with clickable project cards (title, short description, link)

**Student Self-Checklist (Before You Submit)**

- My navigation links jump to the correct sections.
- I used header, nav, main, section, and footer properly.
- I included a blockquote and cite.
- I included both a ul and an ol.
- I included at least 3 images with descriptive alt text.
- My form includes labels and required fields (name, email, message).
- My CSS uses variables, grid/flex, hover effects, and a media query.
- The site looks good on desktop and mobile widths.

Note: You may use real or fictional information. Keep all content appropriate for class and professional presentation.