CSS Documentation - Nathan's Final Project

**EXTERNAL CSS (styles.css)**

body I used Arial font because it looks clean. Removed the default margins and set a light gray background. Made the text dark blue.

.navbar  
This creates my navigation menu. I used flexbox to make the links go horizontal and centered them with some spacing between each link.

.navbar a Made all the navigation links white and got rid of the ugly default underlines.

.hero Centers my main heading and paragraph. Added padding so it has breathing room.

.flip-card This was tricky! Sets the size of my flip cards and adds the 3D perspective so they actually flip.

.flip-card-inner This controls the flip animation. I made it smooth with a 0.6 second transition.

.flip-card:hover .flip-card-inner When you hover over a card, it rotates 180 degrees to show the back.

.flip-card-front White background for the front of cards. Had to add overflow hidden because my images were too big at first.

.flip-card-back  
Blue background with white text. It starts flipped backwards so you can't see it until you hover.

.flip-card-front img Makes sure all my images fill the whole card and crop nicely if they're the wrong size.

.edits-gallery, .travel-gallery, .books-gallery Grid layout for my photo galleries. It automatically adjusts how many columns fit on different screen sizes which is pretty cool.

.section Just adds some spacing around my content sections so they don't look cramped.

.team Uses flexbox to put my Pacers logo next to the text about my favorite team.

button Styled my JavaScript button with blue background, white text and rounded corners to match my theme.

button:hover Makes the button darker blue when you hover over it so you know it's clickable.

@media (max-width: 600px) This makes my navigation stack vertically on phones instead of horizontally. Learned this is called responsive design.

**INTERNAL CSS (in <style> tags)**

index.html - .hero h1 Made my main heading bigger and added a cool shadow effect.

index.html - .hero p  
Made the paragraph text a bit bigger too.

basketball.html - .section h2 Added blue underline borders to my headings to match the basketball theme.

editing.html - .section h2 Same thing but purple for my editing page.

travel.html - .section h2 Green borders for the travel page.

reading.html - .reading-content h2 Purple headings with a side border instead of bottom border.

reading.html - .current-book h3 Special styling for book titles in my currently reading section.

INLINE CSS (style="" attributes)

style="color: #34495e; font-weight: bold;" Made some text dark gray and bold for emphasis.

style="font-style: italic; color: #7f8c8d;" Used italic gray text for descriptions.

style="color: #f39c12; font-weight: bold;" Orange bold text to highlight important stuff like my YouTube channel focus.

style="font-size: 1.1em; line-height: 1.4;" Made text bigger with more space between lines for easier reading.

style="color: #ecf0f1; font-weight: bold;" Light colored text that shows up good on the dark blue flip card backs.

**WHAT I LEARNED**

Flexbox - Great for making things line up horizontally like my navbar and team info CSS Grid - Perfect for my photo galleries because it automatically adjusts to screen size  
Media Queries - Learned how to make my site work on phones Hover Effects - Added these to buttons and flip cards to make the site more interactive 3D Transforms - The flip cards were hard but I figured out how to make them rotate Color Theming - Used different colors (blue, green, purple) for each page to keep them organized

The hardest part was definitely getting the flip cards to work right. The images kept breaking out of the cards until I figured out the overflow and object-fit properties. The JavaScript button was fun to add and makes the reading page interactive.