



# Denise Pacheco

Web Development

## Portfolio

Greetings, I am a web developer with experience in database design, front-end development, software security, and machine learning applications. I design user-friendly and visually engaging web interfaces while also developing reliable back-end functionality to support performance and usability. I have collaborated with professors, students, and international research teams to build machine learning solutions and data-driven applications.

**Technical Skills:** Java, Python, C, HTML, CSS, JavaScript, SQL, PHP, MongoDB, React

## Work Experience

### Stem Tutor

The Learning Center,  
College of the Canyons  
Apr 2022 - Current

- Assisting students in developing problem-solving strategies and improving their understanding of complex mathematical and scientific concepts.
- Delivered one-on-one instruction in Java and HTML, helping students debug, understand syntax, and build basic programs.
- Adapted teaching methods to meet individual student needs, ensuring clarity in explaining difficult topics.
- Utilized digital tools and software such as Excel, WebAssign, and STEM-related applications.

### Multimedia Automation Scripts

Northridge Internship  
Aug 2024 - Dec 2024

- Designed Python automation scripts that simulated workflows of Global App Testing to populate QA databases with real-world data.
- Parsed QA reports to instantly generate operational summaries, identifying blockers, patterns, and repeatable issues by date or user.
- Built a separate automation tool to replace 4 manual tasks by analyzing data from Baselight machines and mapping filesystem locations of frames.
- Exported key reports to CSV/XLS format with timecodes and thumbnail previews, integrating with Frame.IO for streamlined media reviews.
- Stored outputs in a central database for future data analysis and reporting.

## Education

**California State University of Northridge - Northridge, CA**  
Bachelor of Computer Science, 2025

**College of the Canyons - Santa Clarita, CA**  
Transfer Degree in Computer Science AS, 2023

**Let's Keep in Touch!**



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