

Claudia Verdeja

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Education

University of Colorado Boulder

Bachelor of Science in Creative Technology and Design

Class of 2027

Boulder, CO

Technical Skills and Relevant Coursework

Languages: Spanish and English

Programs: Github, VSCode, Photoshop, Procreate, Lightroom, InDesign, Blender, Sketchup, C++, HTML, JavaScript, CSS

Coursework: UX Design, Design Foundations, Data Structures, Form, Image, Web, Discrete Mathematics

Engineering Projects

Cheyenne Mountain Zoo Website Redesign — UX Research, prototyping, Figma

Aug 2025 - Present

- Conducting a semester-long UX-redesign of the zoo's "Buying a Ticket" experience to enhance clarity and user satisfaction
- Led 5 usability tests and synthesized findings through affinity mapping to identify key user pain points
- Created task flows, low and mid-fidelity wireframes, and am currently developing the high-fidelity prototype in Figma

Lattice Scholarship Community Resource Website — HTML, JavaScript, CSS, UX Design

Sept 2025

- Designed and developed a responsive, accessible community resource website for Lattice First-Generation Scholarship Program
- Implemented semantic HTML, responsive CSS Grid layouts, and interactive JavaScript features (filters, feedback system) to improve usability
- Integrated accessibility features using ARIA labels, optimized site performance, and conducted user testing with current scholars to gather feedback
- Achieved a 99% Lighthouse performance score, demonstrating strong site optimization and efficient front-end implementation

Lion King Board Game (Candy Land Inspired)— C++, Game Design

April 2025

- Developed a fully functional board game using C++, applying object-oriented design principles and clean code practices.
- Implemented game-play mechanics including card drawing, player movement, and win condition logic, ensuring a seamless player experience and reducing game-play bugs

Work Experience

EngiNearMe Mentor

Jun 2025

Boulder, CO

- Mentored a small group of high school students within a cohort of 50+ during a week long engineering program to support their transition to college and foster interest in STEM
- Led daily activities and supported students as they developed and finished their based projects

Lattice First Generation Scholarship Program Mentor

Aug 2024 – Present

Boulder, CO

- Organize and facilitate community events and workshops.
- Supported first-gen students through weekly office hours, group sessions, and 1:1 meetings.
- Lead discussion on sensitive topics including financial literacy, academic resources, and organizational skills to foster inclusivity and peer support

Black Cat Pizza Front of House

Feb 2023 – Aug 2023

Hotchkiss, CO

- Rotated between hostess, server, busser, and cashier, adapting to different roles as needed
- Ensured a comfortable dining experience by managing seating, assisting customers, and providing efficient service.

Campus Involvement

Society of Hispanic Professional Engineers (SHPE)

Oct 2023 – Present

Member

- Actively participate in professional development workshops, networking events, and community service initiatives to advance engineering knowledge and career skills.
- Collaborate with peers to engage with corporate partners and campus resources, fostering a network to support professional growth.

First Generation Involvement

Aug 2023 – Present

Lattice First Generation Scholar, First Generation Scholar, TRIO

- Participate in a comprehensive support program designed to empower first-generation students through academic and professional mentorship.
- Engage in workshops and leadership opportunities to navigate university life and build a strong foundation for a successful academic and professional career.