

Lily Dykstra

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Education

University of Colorado Boulder, College of Engineering and Applied Science
Bachelor of Science, Creative Technology and Design
Minor: Mathematics and Engineering Leadership

May 2026

Skills

Coding Languages (HTML, CSS, JavaScript, Python), Object Oriented Programming, Glitch VR/AR, Adobe Creative Cloud applications, Rhino 7, SketchUp, Arduino, Ableton, Figma, Sewing, Spanish Language Proficiency, CPR and First Aid Certified, Water Safety Instructor Certified

Professional Experience

University of Colorado Boulder

Boulder, CO

Learning Assistant - Course: ATLAS Image

August 2023–Current

- Communicated and displayed interpersonal skills by being approachable and responsive to student inquiries, fostering positive and inclusive learning environments.
- Graded 18 student's assignments, quizzes, and exams with meticulous attention to detail, ensuring consistent and fair evaluation of student work resulting in positive and satisfying course experiences for students.
- Collaborated with the professor to identify areas for curriculum improvement and implemented changes to better align with student needs and desired outcomes which led to a more cohesive learning environment.

Crossroads School for Arts and Sciences

Santa Monica, CA

Lifeguard/Swim Instructor

May 2022–September 2022

- Enforced pool rules and regulations and educated patrons on proper water safety behaviors in order to maintain a secure and orderly environment.
- Designed and implemented 12 swim lesson plans a week for groups of 3-5 children tailored to different age groups and skill levels, focusing on water safety, stroke development, to build confidence and familiarity in the water and swimming.
- Adapted teaching methods to accommodate diverse learning styles and special needs, ensuring that all students had equal opportunities for success.

Volunteer Experience

Collins and Katz YMCA

Los Angeles, CA

Sleep Away Camp Counselor

July 2019–Current

- Supervised group of 10 campers, ages 8-14, ensuring their safety, well-being, and positive camp experience throughout their stay.
- Assisted campers with daily routines, including wake-up and bedtime procedures, mealtime management, and personal hygiene, while encouraging their independence and self-care skills.
- Fostered supportive and inclusive camp environment, mediating conflicts, and encouraging open communication among campers to create a harmonious living community.

West Los Angeles Animal Shelter

Los Angeles, CA

Cat Volunteer

May 2021–September 2022

- Provided daily care and enrichment to shelter cats, including feeding, cleaning, and play time to ensure their overall well-being and comfort.
- Supported shelter events, adoption fairs, and showcasing cats to raise awareness about the shelter's mission to increase adoption rates.
- Conducted behavioral assessments of incoming cats to help shelter staff understand their temperaments and needs, facilitating better placement and care.

Extracurriculars

- Board Member of the CU Boulder Chapter of Society of Women Engineers August 2023-Current
- Member of the CU Boulder Chapter of Society of Women Engineers August 2022-Current
- Member of CU Swim and Dive August 2022-Current