

Amelia Byerly

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OBJECTIVE

Motivated undergraduate student-athlete pursuing a B.S. in Creative Technology & Design with a Business minor. Eager to bring a blend of technical curiosity, creative thinking, and analytical problem-solving to an innovative creative agency. Passionate about developing digital experiences, interpreting data to inform decisions, and collaborating with cross-disciplinary teams to build compelling, culturally relevant work. Strong communicator with a growth mindset, ready to contribute fresh technical and analytical skills to diverse projects.

EDUCATION

University of Colorado Boulder

B.S. Creative Technology & Design

Business Minor

Boulder, Colorado

Anticipated Graduation: May 2028

Phillips Exeter Academy

Exeter, New Hampshire

TECHNICAL SKILLS

Computer Skills/Technology: C++, Figma, Arduino, OnShape, SketchUp, Adobe Creative Suite, Microsoft Office, Canva, Google Workspace

Other: FAA Licensed Private Pilot, Proficient in Mandarin Chinese

TECHNOLOGY & ANALYTICAL PROJECTS

Lion King – Themed Game of Life (C++)

- Designed and implemented a simulation game using object-oriented programming and custom algorithms.
- Modeled character attributes to influence in-game decision logic.

DNA Analysis Program (C++)

- Developed tools to compare DNA strand similarity, perform transcription, and detect reading frames.
- Applied algorithm design principles and validated outputs.

Arduino Hardware Prototyping

- Built interactive projects (robots, sensor cannons, etc.) integrating sensors and LEDs.
- Focused on user experience and iterative design.

PROFESSIONAL EXPERIENCE

Owl AI, Data Annotator

Boulder, Colorado

October 2025–Present

- Labeled and validated datasets used to train machine learning and AI models.
- Maintained high annotation accuracy by following detailed technical guidelines and quality standards.
- Identified edge cases and data inconsistencies to improve model performance.
- Collaborated with AI researchers and project leads to refine annotation standards and optimize dataset usability.

Marketing Intern, CU Athletics Department

Boulder, Colorado

June 2025–Present

- Support creation of digital and print marketing materials for athletic events.
- Coordinate with teams, designers, and photographers to deliver campaigns.
- Utilize Adobe Photoshop and Illustrator to produce engaging visuals.

ATHLETIC ACHIEVEMENT

University of Colorado Division I Lacrosse Team

Boulder, Colorado

Fall 2024–Current

- Learned time management through committing 20+ hours per week to team commitments on top of full academic schedule.
- Developed concentration, strong work ethic, perseverance, and resilience to meet personal and team goals.
- Works well in high-pressure situations and under time constraints.
- Focused, consistent, hardworking, responsible, coachable, and communicative teammate.

AWARDS

- Academic All-Rookie Team – Big 12 Conference.
- Commissioner's Honor Roll – Big 12 Conference.
- Dean's List – College of Engineering and Applied Science, University of Colorado, Boulder.

LEADERSHIP & SERVICE

Gal Pals

Team IMPACT

Holiday Angel Tree

Golisano Children's Museum of Naples