

Piper Butts

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WORK EXPERIENCE

University of Colorado Boulder

Jan. 2024 – May 2024

Laboratory Research Assistant, Phage Genomics

Boulder, CO

- The University of Colorado Boulder's MCDB 1161 Phage Genomics Lab offers hands-on research opportunities in molecular and cellular biology with an emphasis on genomics.
- Utilized technology tools and data visualization methods to analyze scientific data and present results relevant to health and biology research.
- Collaborated with instructors and student teams to optimize experimental design, troubleshoot lab procedures, and strengthen research outcomes.
- Participated in weekly lab meetings to discuss research progress, troubleshoot experiments, and review recent scientific literature relevant to phage biology.

Scribe America

Jun. 2025 – Dec. 2025

Healthcare Documentation Specialist (Medical Scribe)

Colorado Springs, CO

- ScribeAmerica is a leader in enhancing medical workflow efficiency through expert medical documentation support in hospitals and outpatient facilities.
- Maintained high data integrity in EHR systems, accurately recording patient histories and diagnostic results for healthcare providers.
- Ensured strict adherence to HIPAA guidelines and healthcare documentation standards in high-volume medical environments.
- Collaborated with clinical staff to ensure accurate and timely reporting of laboratory results and patient status, supporting health outcomes tracking.

University of Colorado Boulder - Department of Psychology

Aug. 2022 – May 2026

Undergraduate Research Assistant

Boulder, CO

- Interdisciplinary laboratory focusing on biopsychology and behavioral genetics. Investigates the biological underpinnings of behavior through systematic experimentation and large-scale data analysis.
- Analyzed complex datasets at the intersection of biological markers and behavioral outcomes, demonstrating proficiency in statistical software and data integrity.
- Maintained detailed laboratory records and ensured compliance with ethical standards and university research protocols.
- Performed statistical analyses using software such as SPSS and R to interpret results and generate reports.

University of Colorado Boulder - Department of Molecular, Cellular, & Developmental Biology

Aug. 2022 – May 2026

Undergraduate Research Assistant

Boulder, CO

- The University of Colorado Boulder Department of Molecular, Cellular, & Developmental Biology focuses on research and education in biological sciences, advancing understanding of cellular processes and developmental mechanisms.
- Applied genetic analysis tools to interpret molecular data, contributing to a broader understanding of microbial genomics.
- Maintained laboratory equipment and reagents to ensure compliance with safety standards and experimental integrity.
- Analyzed data using statistical software to identify significant trends and support hypotheses in microbial developmental biology.

Colorado Behavior & Learning Group

Jan. 2026 – May 2026

Clinical Data Analyst (ABA Therapist)

Colorado Springs, CO

- CBLG delivers evidence-based Applied Behavior Analysis services in a clinical healthcare setting.
- Analyzed behavioral and clinical data trends to monitor patient outcomes in a medical and research-focused setting.
- Maintained accurate client records, aligned with healthcare documentation standards and evidence-based treatment plans.
- Documented individualized treatment metrics, preparing detailed reports for clinical supervisors to inform care strategies.

Pikes Peak Athletics

Jan. 2023 – Jun. 2025

Safety-Focused Swim Instructor

Colorado Springs, CO

- Pikes Peak Athletics provides aquatic education and safety-focused training for all ages in the Colorado Springs area.
- Developed structured lessons prioritizing safety protocols and risk prevention, aligning with best practices in health and wellness standards.
- Tracked student data and communicated performance and safety feedback to students and caregivers.
- Enforced pool and equipment safety standards, fostering a hazard-free environment.

EDUCATION

University of Colorado Boulder

May 2026

Bachelor of Arts in Psychology; Major: Minor in Molecular Biology

Boulder, CO

- Interdisciplinary studies bridging Biological Sciences and Behavioral Psychology.
- Completed an extensive research-based curriculum with a primary focus on genetic mechanisms and behavioral data analysis.
- Developed a robust foundation in scientific methodology, data integrity, and cross-disciplinary critical thinking through specialized laboratory-based coursework.

CERTIFICATIONS, SKILLS, TECHNOLOGIES & INTERESTS

- **Certifications:** CPR/AED - Red Cross (Mar 2025 - Mar 2027); BLS - Red Cross (Jun 2026 - Jun 2028); Phlebotomy - NPCE (Expected July 2026); ABAT - QABA Board (Jan 2026 - Jan 2027)
- **Skills:** Report Writing; Statistical Analysis; Experimental Design; Qualitative Research; Interpersonal Skills; Critical Thinking; Communication Skills; Behavioral Analysis; Statistical Software; Data Analysis; Research Methods
- **Technologies:** Microsoft Office; Google Workspace; Adobe Suite; Python; R/R Studio; JavaScript; EHR Documentation (EPIC)
- **Interests:** Origami; Tennis; Phage Genomics; Behavioral Genetics; Video Editing; Reading; Fencing; Drawing/Painting; Laboratory Science