

Carter Snow

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EDUCATION

Bachelor of Science, Physics

University of Utah

May 2027

Salt Lake City, UT

GPA: 3.77

- Biomedical Emphasis
- Awards/Scholarship: Edge of Space Academy Award Recipient (University of Iowa), For Utah Scholar, SRI Scholar, pre-REU 2025: Isometries, Groups and Crystallographic Restriction Award Recipient, SACNAS 2024 Travel Award Recipient.
- Dean's List (5 Semesters)
- Relevant Coursework: Physics 3, Physics in Biology, Calculus 3, Differential Equations and Linear Algebra

EXPERIENCE

University of Utah Science Research Initiative (SRI)

Undergraduate Researcher/Learning Assistant

Salt Lake City, UT

January 2024 – March 2026

- Performing Quantitative analysis to uncover ant-plant symbioses
 - Presented a poster on my research at SACNAS NDiSTEM 2025 and UCUR 2026
- Application of Next Generation Sequencing (NGS) using Oxford Nanopore technology and molecular biology techniques to generate DNA Barcodes
- Served as a Learning Assistant, supporting the incoming SRI cohort of 4 students in laboratory procedures and research practices

Natural History Museum of Utah

Citizen Science DNA Intern / Research Assistant

Salt Lake City, UT

September 2024– Present

- Worked with Cold Spring Harbor Laboratories to sequence DNA barcodes and publish to GenBank
- On a monthly basis, coordinated and led community outreach DNA Extraction events for up to 30 students

LEADERSHIP & SERVICE

Biomimicry Society at the U of U

Co-President

Salt Lake City, UT

August 2024- January 2026

- Organizer for Biomimetic Principal workshops
- Organizer community outreach events bring attention to the effects of disappearing Biodiversity
- Guest Speakers from companies such as Fusion Bionic and Learn Biomimicry

Society for the Advancement of Chicanos/Hispanics and Native Americans in Science

Undergraduate Chapter Member

Salt Lake City, UT

August 2024-Present

- SACNAS NDiSTEM 2024 conference attendee
- SACNAS NDiSTEM 2025 Poster presenter
- Engaged in initiatives promoting inclusivity and representation in STEM fields

UFIT

Volunteer

Salt Lake City, UT

August 2023-January 2025

- Assist children with disabilities in engaging in physical activities tailored to needs and abilities
- Utilization of personal experience with a disability to connect with participants and promote confidence, resilience, and well-being

SKILLS & CERTIFICATIONS

Laboratory Skills

- Safe specimen handling, maintaining a sterile field, PCR, DNA extraction, wet lab techniques

Software/Hardware Applications

- Experienced in Bioinformatic Analysis, and High-Performance Computing (HPC)
- Experienced in R, Python and Excel