Lauren Collyer

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Geospatial Science student with foundational knowledge in GIS and hands-on software and scripting experience. Strong teamwork, problem-solving, and organizational skills.

EXPERIENCE

Teaching Assistant for Intro to GIS, BYU Course

Provo, UT. September 2024 – December 2024

Aided faculty in answering questions and grading coursework.

Helped students understand GIS concepts in class and one-on-one settings.

Computing Specialist, BYU

Provo, UT. November 2023 - January 2024

Designed and implemented programs to answer queries in VBA Excel for over 8,000 names extracted from historical worker data.

Full-time Volunteer, The Church of Jesus Christ of Latter-day Saints

Houston, TX. January 2022 - July 2023

Collaborated with a partner for all working hours and with local groups for volunteer activities.

Developed a strong work ethic by working 12 hours each day to meet specific goals.

Patient Service Technician, ArcPoint Labs

Seattle, WA. June 2021 – January 2022

Coordinated with lab team members to collect and transport confidential, time sensitive medical samples from patients.

Completed office duties, including substituting for office manager when absent.

Archeology Intern, Redmond City

Redmond, WA. October 2017 – May 2018

Synthesized historical maps to create a public resource for history of local Native Americans and local settlers.

Conveyed findings through online story map and community presentation.

SKILLS

- ArcGIS Pro
- Cartographic design
- Google Earth Engine
- Java, Python, VBA
- AutoCAD including Civil 3D and Revit
- Swahili
- Data management
- Excel, PowerPoint, Word

EDUCATION

Brigham Young University, *Bachelor of Science: Geography, Emphasis in Geospatial Science and Technology*

Provo, UT. Graduation: Dec 2025

Minor: International Development

Relevant coursework: Cartographic Design, Intermediate GIS, Programming for Geographers, Remote Sensing

Clubs: Students for International Development

Projects: Modeling populations, vegetation, and snowpack areas affected by worsening toxic windblown dust from the Great Salt Lake lakebed

Geography Study Abroad

Tanzania MAY 2024

Observed applied GIS and remote sensing with tracking wildlife migration through wildlife corridors.

Learned from experts in Tanzanian GIS.