

Casey Schrader

GIS Specialist

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SKILLS

Python, R, SQL, ArcGIS Pro, SharePoint API, Database Management, Spatial Analysis, Remote Sensing, Lidar and 3D visualization, Photogrammetry and DEM processing, Automation, Survey123, Model Builder, Russian

WORK EXPERIENCE

Salt Lake County Surveyor
GIS Specialist/Contracted

Aug. 2024 - Current
Salt Lake City, UT

- Processed 2200+ survey monuments using python automation within ArcGIS and SharePoint to be displayed on a public web map
- Wrote multiple scripts utilizing SharePoint's API to efficiently update monument meta-data and decreasing monument processing time by 60%
- Wrote documentation and meta-data for geospatial data to enhance future accessibility
- Improved standardized QA/QC procedures for monument data verification

University of Utah
Peer Advisor

Sep. 2022 - May 2024
Salt Lake City, UT

- Conducted 30 monthly student advising appointments, increasing prospective student applications
- Collaborated with faculty and staff to promote student success
- Presented monthly group info sessions to students and parents, leading to an increase in student applications

Utah Geological Survey
GIS Intern

Dec. 2023 - Apr. 2024
Salt Lake City, UT

- Georeferenced approximately 300 archive images, increasing accessibility and organization for future users
- Created centroids for each image to help orientate users in the field
- Maintained a database consisting of 20,000+ images and files

Salt Lake Community College
Communications Specialist

May 2020 - July 2022
Salt Lake City, UT

- Rented audio and video equipment to 15+ students a day, promoting student projects and success
- Ensured accurate stock and inventory with daily tracking methods
- Assisted Students questions and needs, ensuring a quality experience within the department

EDUCATION

University of Utah
Bachelor of Science, Geography
Bachelor of Arts, International Studies
GIS Certificate
Projects

May 2024
Salt Lake City, UT

Minsk State Linguistic University
Russian Language Certificate

May 2023
Minsk, Belarus

Salt Lake Community College
Associate of Arts, International Studies

Dec. 2022
Salt Lake City, UT