

# Casey Schrader

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## SKILLS

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Python, R, SQL, SharePoint API, Database Management, Spatial Analysis, Automation, ArcGIS Pro, Survey123, Russian

## WORK EXPERIENCE

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**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 process 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

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

**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*