



Position Title: GIS Intern

About

NEKCV is a community-driven organization whose mission is to ensure high-speed broadband internet service is available to the most rural and underserved communities in the Northeast Kingdom and the Central Valley. Founded in 2020 as a Communications Union District, we began network construction in 2021. We're a growing company of 30 employees, which means there's lots of room for growth and learning. At NEKCV, we're committed to creating an inclusive culture where all employees feel welcomed and valued.

Position Summary

We are seeking a motivated and detail-oriented GIS Intern to support geospatial data management, mapping, and spatial analysis projects. This internship provides hands-on experience with GIS software, data collection, cartography, and spatial problem-solving in the fast-paced world of telecommunications.

The ideal candidate is currently pursuing a degree in Geography or GIS and is eager to apply technical skills to real-world projects.

Key Opportunities

- Assist with creating, editing, and maintaining GIS datasets and maps
- Perform spatial analysis using GIS software and geodatabases
- Collect, clean, and organize spatial and tabular data
- Support field data collection using GPS-enabled devices and mobile GIS applications including drones.
- Produce high-quality digital and print maps for internal and external stakeholders
- Help maintain metadata and documentation standards
- Conduct quality assurance and quality control (QA/QC) on GIS data
- Assist with integrating GIS data into web maps, dashboards, and applications

- Support project teams with research, reporting, and visualization tasks

Required Qualifications

- Currently enrolled in or recently graduated from a program related to GIS or Geography.
- Basic understanding of GIS principles and spatial data concepts
- Familiarity with GIS software such as ArcGIS Pro or QGIS
- Experience working with spreadsheets and databases
- Strong analytical, organizational, and communication skills
- An eye for detail with maps and spatial data
- Ability to work independently and collaboratively in a team environment

Preferred Qualifications

- Familiarity with GPS data collection and remote sensing concepts
- Knowledge of web mapping tools such as ArcGIS Online
- Understanding of coordinate systems and geospatial data standards
- Prior coursework or projects involving cartography or spatial analysis

Learning Opportunities

- Learn about the telecom industry
- Work alongside experienced GIS professionals and project managers
- Gain experience in updating ESRI's online applications
- Gain experience in other Telcom utility GI platforms including elation
- Develop technical and professional skills through real-world projects

Internship Details

- 20-30 hours a week
- Flexible schedule based on academic commitments
- \$23 hour

Work Environment

This position may involve a combination of office, remote, and occasional field work. Field assignments may require walking outdoors and using GPS or mobile devices in varying weather conditions.

Application Process

Interested candidates should submit a resume and cover letter outlining relevant experience and qualifications to careers@nekcw.org

Equal Opportunity Employer

NEKCV is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.