



## **Geospatial Data Technician**

Type: Part-Time; Hourly

Location: Wild Utah Project GIS lab, Salt Lake City

Salary: \$12 - \$15 an hour (pay commensurate with experience)

Tags: GIS, Geographic Information Systems, Technician, Analyst, Geospatial, Part-time GIS, Part-time geospatial, mapping, geographical data, web mapping

Wild Utah Project is a 501(c)(3) non-profit organization whose mission is to provide science-based strategies for wildlife and land conservation. Since 1996, Wild Utah Project provides GIS and data services to fellow non-profits, as well as agency partners and other stakeholders in Utah and adjoining states. Through our GIS Lab we develop spatial-based research and provide mapping support that enhances the understanding of and facilitates decision making on conservation issues in the Intermountain West.

We are currently accepting applications for a Geospatial Data Technician position to join our GIS Lab. The ideal candidate for this position has a great understanding of and experience in geospatial data, data analysis and visualization, web GIS, and data management. This position reports directly to the GIS Director and will assist the overall direction of the GIS Lab.

### **JOB SUMMARY:**

The Geospatial Data Technician collects, organizes and edits spatial data; performs data visualization and analysis; and delivers such information through high quality mapping products and reports that meet internal and/or external client requirements.

### **MAJOR RESPONSIBILITIES:**

- Create, edit and maintain GIS data in ArcGIS Desktop, ArcGIS Enterprise, and other GIS platforms used by the organization
- Conduct data preparation, analysis, visualization, transformation, translation and other data manipulation tasks

- Format and generate a variety of GIS products including standard and custom maps and map series, standard map templates, GIS data, graphics, tables and reports; as well as perform data searches and retrievals
- Create high quality mapping products in hard-format and web GIS platforms using cartography principles and rules
- Prepare reports and deliver presentations on data analysis findings and documentation of GIS workflows and methods
- Maintain and update web mapping applications and related hosted data
- Assist with data management, data migrations, and database management tasks
- Assist with oversight and coordination of internships, capstone projects, and volunteer work
- Assist in creating data exports, map products, and delivery packages
- Assist in the design, development, testing and implementation of GIS applications to meet customer needs and organization requirements
- Take direction from GIS Director on above

#### EDUCATION AND EXPERIENCE:

##### Experience – Minimum:

- Two years of experience in the use of ESRI software products (i.e., ArcMap, ArcCatalog, ArcGIS Pro, ArcGIS Online)
- Working knowledge of Microsoft Office Professional (i.e., Excel, and Access), Microsoft Windows, Internet, and computer networks

##### Education – Minimum:

- Bachelor's degree in geography, GeoSciences, GIS Certificate, planning, computer science, biology, or a related field

#### KNOWLEDGE AND ABILITIES

##### Knowledge of:

- Workload organization principles; assumes responsibility for meeting established deadlines and reporting on progress
- Spatial and relational data analysis, data management, analytical modeling, statistics and remote sensing
- Microsoft Office software for document, spreadsheet, and presentation preparation

##### Technical expertise in:

- ArcGIS Desktop or current equivalent
- Spatial/tabular data collection, organization, management, and processing
- Cartographic production/digital mapping
- Database management

Ability to:

- Problem solve
- Work well with a team
- Resolve conflict in an open and inclusive manner
- Document work
- Communicate technical issues clearly, both verbally and in writing to technical and non-technical GIS users
- Work collaboratively and provide a high level of customer service
- Learn new skills related to geographic information technology, information technology, geospatial modeling, and programming languages

DESIRED BUT NOT REQUIRED:

- Knowledge of Python programming language
- Knowledge of data visualization tools such as Tableau
- Familiar with Open Source GIS software

HOW TO APPLY:

Applicants to this position should submit a cover letter and resume to [gislabs@wildutahproject.org](mailto:gislabs@wildutahproject.org) and directed to Emanuel Vásquez, GIS Director.

DEADLINE:

Application period for this position will be open from **July 16, 2019 to August 16, 2019**.

*Wild Utah Project is an Equal Opportunity Employer/Affirmative Action employer*

*Wild Utah Project provides equal opportunity to all employees on the basis of individual qualification without regard to race, sex, religion, color, age, national origin, physical and mental disability, genetic information and history, sexual orientation, or other category protected by state or federal law. Wild Utah Project does not discriminate in the recruitment, hiring, compensation, promotion, transfer, benefits, or any other condition of employment.*