The Utah Automated Geographic Reference Center (AGRC)
AGRC is a state agency within the Department of Technology Services charged with facilitating effective enterprise approaches to the management and use of geospatial (GIS) data. For over 30 years, AGRC has worked with public and private partners to advance mapping resources and capabilities in the state of Utah. AGRC manages the State Geographic Information Database (SGID), the TURN GPS high precision reference system, and provides professional GIS and application development services to other agencies on a cost-recovery basis.

Position Summary
AGRC is seeking a GIS Intern for fall 2016. The incumbent will assist in processing data updates, and performing quality control checks, on large scale GIS datasets. Work will primarily include work on data related to addressing, e911, utilities, the Public Lands Survey System, and more.

Work must be performed on site at AGRC in the State Office Building at the Capitol campus. Hours are flexible with an expectation of 15-20 hours per week. Start date is as soon as possible and the term of the internship is expected to be 15-20 weeks. Compensation will be $15/hr.

Essential Duties
- Update various GIS data as new information is received.
- Convert GIS data from old standards to new standards.
- Edit GIS data in ArcMap: point, line, and (especially) polygon editing.
- Convert data between formats (excel to GIS, GIS to KMZ, etc).
- Review data documentation: data archives, data tracking notes, communication with data sources, etc.
- Create custom maps as requested.

Other Possible Duties
- Automate data updates using python or other programming language.
- Create web application(s) using ArcGIS Online.

Qualifications
- Intermediate familiarity with ArcMap and other ESRI products. Must have taken at least one advanced GIS course.
- Experience with editing points, polygons, and lines in ArcMap.
- Upperclass undergraduate or graduate student.
- Strong problem solving skills in GIS.
- Ability to work self directed and independently, as well as in a team.
- Experience using python or other programming languages is desired, but not mandatory.

To apply:
Submit a resume and answers to the supplemental questions below to Phoebe McNeally at phoebe.mcneally@geog.utah.edu.

Supplemental questions:
1. Describe the three most innovative or impactful GIS projects/solutions in which you played a role.
2. What do you see as the three most important current GIS trends in the GIS field?
3. Briefly describe your experience and interest in GIS.

UTAH AGRC
LOCATION MATTERS
gis.utah.gov