



## GIS Intern Job Description

The Utah Division of Emergency Management is looking for an intern to support the Division's GIS staff. This position involves using GIS and problem-solving techniques to provide maps and data analyses related to incident response and scenario response for planning and mitigation.

The GIS Intern should have a working knowledge of ArcGIS Desktop, with some basic skills in coding (Python) and relational databases (preferred). Typical duties include: performing hazard risk assessments for mitigation and preparedness, producing web-based maps and applications, automating processes, performing HAZUS scenario loss estimates and producing maps and data analyses during incident response and recovery as need arises.

Those applying for this position should be enrolled as an undergraduate or graduate student with a major in GIS, Geography, Urban Planning, Civil Engineering or a related field. This position pays \$12 per hour, around 20 hours per week with a flexible schedule based on availability. The applicant should be willing to solve problems creatively, and communicate clearly both verbally and in writing.

### Knowledge, Skills and Abilities

- Knowledge
  - ArcGIS Desktop (ArcMap 10.x or ArcGIS Pro, 1 - 2 years experience)
  - Relational databases (SQL Server, PostgreSQL, MySQL) -- some experience preferred
  - Google Apps (Docs, Sheets, Slides, etc)
  - HAZUS a plus
- Skills
  - Basic cartography and map design
  - Some Python
  - JavaScript a plus
  - SQL also a plus
- Abilities
  - Problem solving
  - Writing reports

Those interested in applying should send their resumé to Josh Groeneveld: [jgroeneveld@utah.gov](mailto:jgroeneveld@utah.gov) no later than Friday, September 8th, 2017