Geographic Information Systems Technician

**Job Description:** Assist scientists and other professionals in using geographic information systems (GIS) databases.

**What does a GIS Systems Technician do?**

* Prepare representations of GIS data, using GIS hardware or software
* Analyze GIS data to identify spatial relationships or display the results of analyses
* Maintain GIS databases
* Review data for accuracy, usefulness, currency, quality, or completeness
* Analyze GIS data for urban planning applications that promote better land use
* Use GIS data to determine the best locations for renewable energy sites
* Apply GIS data in transportation settings by determining the best route for energy consumption or reducing pollution

**Outlook: Green, Bright**

Average Salary - $42.57 hourly, $88,550 annual

Projected Job Openings – 35,700 over the next 10 years.

**Your Interests:**

* Do you like working with software?
* Do you like using data to solve problems?
* Are you interested in work relating to the environment?
* Do you like analyzing data and creating visual representations?

**Education/Program of Study:**

* Most, but not all, require a 4-year bachelor’s degree.
  + Possible degrees could be in Environmental Science, Geography, Computer Science, or other related fields