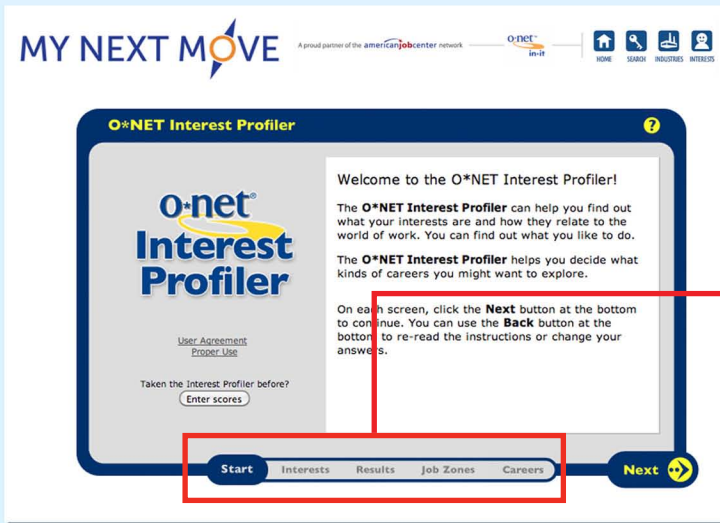




EXPLORE: YOUR NEXT MOVE



Find a career direction using the **Interest Profiler** tool from the U.S. Dept. of Labor at mynextmove.org/explore/ip

START INTEREST PROFILER

- 1. INTERESTS** — Answer 60 easy questions.
- 2. RESULTS** — Print out your Interest Profiler results.
- 3. JOB ZONES** — Select the level of education/training you prefer.
- 4. CAREERS** — Review the list of careers that fit your interests and preparation level. Click on ones that interest you to get a detailed Career Profile.

SAMPLE CAREER PROFILE

MY NEXT MOVE A proud partner of the **americanjobcenter** network

Geographic Information Systems Technicians

Also called: Geographic Information Systems Analyst (GIS Analyst), Geographic Information Systems Specialist (GIS Specialist), Geographic Information Systems Technician (GIS Technician), Cartographer

What they do: Assist scientists, technologists, or related professionals in building, maintaining, modifying, or using geographic information systems (GIS) databases. May also perform some custom application development or provide user support.

On the job, you would:

- Design or prepare graphic representations of Geographic Information Systems (GIS) data, using GIS hardware or software applications.
- Analyze Geographic Information Systems (GIS) data to identify spatial relationships or display results of analyses, using maps, graphs, or tabular data.
- Maintain or modify existing Geographic Information Systems (GIS) databases.

KNOWLEDGE

- Engineering and Technology**
 - computers and electronics
 - design
- Math and Science**
 - geography
 - arithmetic, algebra, geometry, calculus, or statistics
- Arts and Humanities**
 - English language
- Business**
 - customer service

PERSONALITY

People interested in this work like activities that include **ideas**, **thinking**, and **figuring things out**.

They do well at jobs that need:

- Analytical Thinking
- Independence
- Attention to Detail
- Innovation
- Initiative
- Integrity

TECHNOLOGY

You might use software like this on the job:

- Data base user interface and query software**
 - Microsoft Access
 - Structured query language SQL
- Map creation software**
 - ESRI ArcGIS software
 - ESRI ArcView
- Development environment software**
 - Microsoft Visual Basic for Applications VBA
 - Microsoft Visual Studio

EDUCATION

bachelor's degree or master's degree usually needed

Get started on your career: [Find Training](#)

JOB OUTLOOK

Bright New job opportunities are very likely in the future.

SALARY: **\$81,140** per year, on average

green This work is part of the green economy.

EXPLORE MORE

- [Computer Network Architects](#)
- [Computer Systems Analysts](#)
- [Computer Systems Engineers/Architects](#)
- [Software Quality Assurance Engineers & Testers](#)
- [Web Developers](#)

You might like a career in one of these industries:

- Government
- Professional, Science, & Technical

See more details at [O*NET Online](#) about geographic information systems technicians.

Help Explore Careers O*NET Sites

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REVIEW the Career Profile that most interests you. Then fill in this information:

JOB TITLE: _____

EDUCATION NEEDED:

Certificate Apprenticeship 2-year Degree 4-year Degree

EDUCATION/TRAINING is available at (input a location): _____

PROGRAM OF STUDY IS _____

JOB OUTLOOK for this career is:

Bright Average Below average

AVERAGE SALARY you might expect to earn: _____

After reviewing the Career Profile, list 3 reasons why this career would be right for you:

- _____
- _____
- _____

If you found several careers that interest you, review and fill out this information sheet for each one. Then compare your results. Use the **Thinking Caps** tool in the Decision lesson to help you make a choice.