UTSA University Career Center

Roadrunner Career Report

Geology

Top 5 Common Job Titles:

1. Geologist
2. Environmental Scientist
3. Civil Engineer
4. Environmental Engineer
5. General Engineer

*Some may require education further than a Bachelor's degree.

Where They Live:

1. San Antonio
2. Houston
3. Austin
4. Dallas/Fort Worth
5. Denver

Industries They Work In:

17.3% K-12 Schools
7.7% Pharma & Medical Manufacturing
7.7% Architectual & Engineering Services
7.1% Scientific Research & Development
5.6% Consulting

Top 5 Employers (UTSA):

1. Edward Aquifer Authority
2. Lewis Energy Group
3. U.S. Geological Survey
4. U.S. Army
5. Booze Allen Hamilton

What They Make:

1st Year: $45,122
5th Year: $62,789
10th Year: $77,512

"...Every project we work on helps me learn more about myself- how I think and feel and what I might want to build one day."

-Anthony Torres

Information Collected: 12/15/17

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15 In-Demand Specialized Skills

- Microsoft Excel
- Microsoft Office
- Budgeting
- Project Management
- Customer Service
- Scheduling
- Sales
- Supervisory Skills
- Microsoft PowerPoint
- Microsoft Word
- Accounting
- Staff Management
- Customer Contact
- SQL
- Business Development

In-Demand Software Skills:

- Microsoft Excel
- Microsoft Office
- Microsoft PowerPoint
- Microsoft Word
- SQL
- JAVA
- Oracle
- LINUX
- SAP
- JavaScript
- Microsoft Access
- Salesforce
- Python
- Enterprise Resource Planning (ERP)
- UNIX

In-Demand Basic or "Power" Marketable Skills:

- Communication Skills
- Writing
- Planning
- Problem Solving
- Teamwork / Collaboration
- Organizational Skills
- Research
- Detail-Oriented
- Building Effective Relationships
- Computer Skills
- Creativity
- Troubleshooting
- Multi-Tasking
- Time Management
- Presentation Skills

NACE Career Readiness Competencies:

CRITICAL THINKING/ PROBLEM SOLVING

analyzing, decision-making, & solution-focused

ORAL/WRITTEN COMMUNICATIONS

effectively & clearly articulating thoughts & ideas

TEAMWORK/ COLLABORATION

capable of building collaborative relationships & managing conflict

DIGITAL TECHNOLOGY

efficiently utilize existing digital technologies & adapt to emerging technologies

LEADERSHIP

leverage strengths of others to motive & achieve common goals

PROFESSIONALISM/ WORK ETHIC

demonstrate personal accountability and effective work habits

CAREER MANAGEMENT

identify career goals & areas necessary for professional growth

GLOBAL/ INTERCULTURAL FLUENCY

demonstrate openness, inclusiveness, sensitivity, & interacts respectfully with all people

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