Calvin Gough - 52

"

As an information security analyst, it's my job to protect our company's computer systems and data from hackers and other cyber threats. I monitor networks, identify vulnerabilities, and implement security measures to keep information safe. It's almost the perfect combination of being a detective and playing a video game all day. It's challenging because there are constantly new threats, and no one wants to be on the front page of the paper with a data breach. While my computer science degree helps me a great deal, this is the type of job that requires continuous learning and training to keep up with the latest trends.

"

Occupation:
Information
Security Analyst

Salary:
$129,037

Education:
Bachelor's Degree

Job Description:

Information Security Analysts plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. Assess system vulnerabilities for security risks and propose and implement risk mitigation strategies. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses.*

EXPLORE
SC@WORK
EST. 2024
EXPLORE

Job Description:

SOC Code: 15-1212

Top Job Skills:

- Risk management
- Risk assessments
- Identify vulnerabilities
- Information systems security assessments
- Customer service

General Work Activities:

- Mental Processes
  - Develop computer or information security policies or procedures
  - Update knowledge about emerging industry or technology trends
- Interacting With Others
  - Collaborate with others to resolve information technology issues
  - Train others in computer interface or software use
- Information Input
  - Test computer system operations to ensure proper functioning
  - Monitor the security of digital information
- Work Output
  - Implement security measures for computer or information systems
  - Troubleshoot issues with computer applications or systems

Source: SC Works Online Services (SCWOS)

JOB STATISTICS[*]:

Typical Wage Range
$79,040 - $133,150

Projected Growth
159/yr Job Openings

Employed In-State
1,430

Required Education
Bachelor's Degree

Work Experience
Typically Requires Less Than Five Years

On-the-Job Training
Typically Requires None

[*]**Source:** Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Trident
- Catawba
- Upstate
- Worklink
- Lower Savannah
- Midlands

EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Scientific Research Corporation
- Booz Allen Hamilton, Inc.
- Allegis Group, Inc.
- American Credit Acceptance
- ASRC Federal Holding Company

RELATED OCCUPATIONS[*]:

- Computer Systems Analysts
- Digital Forensics Analysts and Technicians
- Information Security Engineers
- Network and Computer Systems Administrators
- Digital Forensics Analysts
- Computer Network Architects

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. **Last Updated:** 2024.

LEARN MORE WITH SCWOS:

SC Works Online Services (SCWOS) is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit *jobs.scworks.org*.

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting *O*NET.org*.