Software Quality Assurance Analysts & Testers

Standard Occupational Classification Code: 151253

Also known as: Application Integration Engineer, Computer Consultant, Information Technology Analyst (IT Analyst), Product Assurance Engineer, Quality Assurance Analyst (QA Analyst), Software Quality Assurance Engineer (SQA Engineer), Software Quality Engineer, Software Test Engineer, Systems Engineer, Test Engineer

Are you good at …

- ☐ Paying attention to detail?
- ☐ Analytical Thinking and using logic to address work-related issues?
- ☐ Being reliable, responsible, and dependable?
- ☐ Being open to change?
- ☐ Being honest and ethical?

A Day in the Life

Software Quality Assurance Analysts and Testers develop and execute software tests to identify software problems and their causes. They test system modifications to prepare for implementation. Document software and application defects using a bug tracking system and report defects to software or web developers. They create and maintain databases of known defects. They may participate in software design reviews to provide input on functional requirements, operational characteristics, product designs, and schedules. They develop testing routines or procedures. They compile technical information or documentation. They document operational activities.

Analysts and Testers create databases to store electronic data. They install computer software. They develop performance metrics or standards related to information technology. They provide customer service to clients or users. They analyze data to identify trends or relationships among variables. Read documents to gather technical information. They evaluate utility of software or hardware technologies. They collaborate with others to resolve information technology issues.

How do I get into this top job?

You need a Bachelor's Degree to do this job. You might need additional licensing as well. Training programs and tests may be expensive, but you might not have to pay for all of it yourself. If you are low income, ask your job coach, career counselor, training program, or workforce development specialist about assisting you with your training expenses. It might be free!

What they earn in Metro Atlanta:
Entry Wage: **$35.20**
Median Wage: **$48.39**

What makes this a Top Job?
They're in high demand. The Georgia Dept. of Labor estimates there will be over 880 openings per year through 2026! Additionally, this job pays above average wages.

Educational Requirement
low — mid — **high**
Bachelor's Degree

On-the-Job Training
low — mid — high
None

Related Occupations
Check out these similar careers on O*NET online:
- Computer Systems Analysts
- Information Security Analysts
- Database Administrators