



EPIC

••• READY SET LEARN

**DESIRE.
INSPIRE.
GO HIGHER.**

COMPUTER PROGRAMMERS

Computer programmers write and test code that allows computer applications and software programs to function properly. They turn the program designs created by software developers and engineers into instructions that a computer can follow. In addition, programmers test newly created applications and programs to ensure that they produce the expected results. If they do not work correctly, computer programmers check the code for mistakes and fix them.

THESE ARE THE THINGS I DO ON A DAILY BASIS:

- Write programs in a variety of computer languages, such as C++ and Java
- Update and expand existing programs
- Test programs for errors and fix the faulty lines of computer code responsible
- Create and test code in an integrated development environment (IDE)
- Use code libraries, which are collections of independent lines of code, to simplify the writing.

Why this job is a good fit?

- ▶ Support
- ▶ Independence
- ▶ Achievement

Tools I use

- ▶ Computer servers
- ▶ Hard disk drives
- ▶ Tape drives
- ▶ Backup or archival software
- ▶ Data base user interface and query software



Resources: This and other Career Data Sheets available on www.epicworkforce.net. Information may vary by job and should be verified before pursuing a position. Other related information is available at onetonline.org, careeronestop.org, jobcenter.usa.gov, and www.bls.gov/ooh/.

DESIRE.

Learn more at:

www.epicworkforce.net/

Why I enjoy my job as a Computer Programmer:

- ▶ Management that stands behind employees
- ▶ Independent decision-making
- ▶ Provides a feeling of accomplishment

IMPORTANT SKILLS AND ABILITIES FOR THE JOB:

- ▶ Analytical Skills
- ▶ Concentration
- ▶ Detail Oriented
- ▶ Troubleshooting Skills

INSPIRE.



GO HIGHER.

CREDENTIALS OFFERED:

Check for credential specifics at your KCTCS Home College!!

CERTIFICATES

CISCO NETWORK ASSOCIATE / MICROSOFT NETWORK ADMINISTRATOR / SECURITY+ NET+ / A+ / PROGRAMMING / COMPUTER TECH BASIC / COMPUTER TECHNICIAN SUPPORT TECHNICIAN / MOBILE APPS DEVELOPMENT / WEB PROGRAMMING

DEGREES

IT NETWORK ADMINISTRATION / PROGRAMMING / APPLICATIONS

This project has been funded by a grant from the United States Department of Labor.