



A programmer writes the software that makes a computer work.

They enjoy working with computers, solving problems and finding new solutions.

Some of the activities Programmers undertake include:

- analyse and develop new ways to make a computer work
- solve problems with existing programs
- write new code (computer language) that fix problems
- test all work to make sure there are no 'bugs' that make things go
- providing telephone, face-to-face and online support to customers
- assist with the upgrade of computer systems
- provide training support to users
- providing information to assist computer management

Other careers you might explore include:

Database programmer

Programming that stores large amounts of information.

Communications programmer

Programming that involves the telephone system.

Multimedia programmer

Programming that uses lots of sound, picture, movie and animation.

You will be....

- able to work as part of a team
- good communication skills
- willing to continue to learn
- technical ability
- good at solving problems
- able to work independently

Additional Information:

Australian Computer Society: www.acs.org.au

Network programmer

Programming that helps different computers talk to each other.

Games programmer

Programming that develops games.

Education & Training

To become a computer programmer you usually need a diploma or degree in computers or IT with a major study in programming. Getting experience with computers will be highly regarded – so work experience in a computer shop would be a good idea.

Your starting point might be a certificate but you can always upgrade your skills as you get more experience. See your career teacher for more information.