

Science Technology Engineering Mathematics

STEM CAREER OF THE MONTH - JULY

SOFTWARE DEVELOPER

What does a software developer do?

All computers, tablets, and phones use software - a type of program that is used by the device to make it function. Software also allows your video games, apps, and gaming consoles to bring your favourite games to life.

Software is created using a special "computer language" called code. Code is how the software knows how to function on your electronic device.

"Software developers are the creative minds behind computer programs." They help develop applications that allow people to use their computers or other devices, and others develop entire systems that can run the devices and control networks.

Software developers oversee the entire creation and maintenance of software, and typically they work with programmers, who can use code to bring the software to life.

You can thank software developers for helping to put together some of your favourite apps - like Angry Birds, YouTube Kids, and the Blocks Rock! 3D Companion App.



Software Developer Job Duties

- Analyse a person's needs for a software and then design, test, and develop software to meet those needs
- Recommend software upgrades for customers' existing programs and systems
- Design each piece of an application or system and plan how the pieces will work together
- Create a variety of models and diagrams (such as flowcharts) that show programmers the software code needed for an application
- Collaborate with other computer specialists to create the best software

If you like working as part of a team, you might also be a good fit for software development because software developers are almost always working together with other programmers and people in the business.