Software Developers

What they do:

A software developer needs to analyze user's needs, and then develop software to meet said needs. They would also have to be able to recommend upgrades to the customers' existing programs, and systems, as well as ensure the program functions normally through testing.

An Applications software developer will design and create computer applications and software. They may also create custom software for a specific customer or commercial software.

Many software developers are also given the opportunity to advance to become a computer and information systems manager after working for at least 5 years, generally. The IT systems manager will oversee the software development process.

The median salary for a software developer (in 2020) is $110,140. The job outlook for the next 10 years is 22%, which is much faster than average!

Qualities needed:

A software developer needs to have many qualities. They need to have problem solving and analytical skills, to find and solve problems. They also need to be able to talk to others and have interpersonal, as most developers work in a team. Another quality is creativity, because some problems need to be solved while thinking outside of the box.

Education/Knowledge:

Generally, most software developers need a bachelors degree in computer and information technology, or a similar field. You could also possibly get hired with a mathematics degree.

While developers need a strong background in computer programming, it is not always their primary responsibility. Throughout their career, a developer needs to keep up to date on new programming languages and new tools.